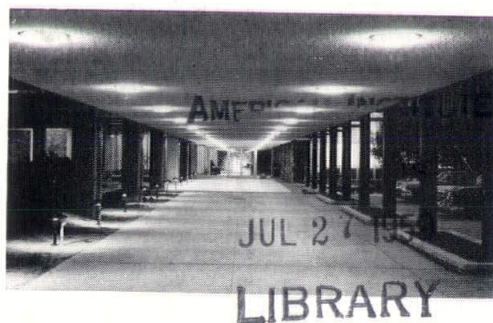


new england

ARCHITECT AND BUILDER ILLUSTRATED



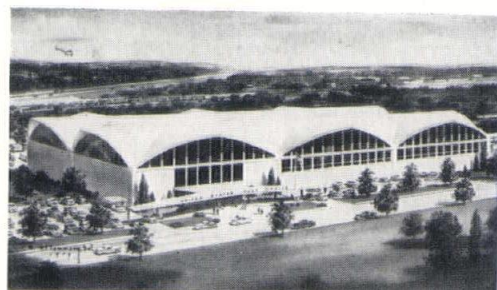
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Avco Research Center



Hamilton & Goody



*Charles A. Maguire
& Associates*



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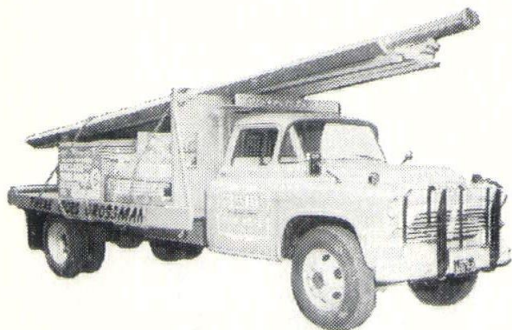
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23 BRANCHES THROUGHOUT NEW ENGLAND

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Signed Articles. As one object of the "New England Architect and Builder, Illustrated" is to afford a forum for the free expression of matters of importance relating to the building trade and architectural profession, and as the widest range of opinion is necessary in order that different aspects of such matters may be presented, the editors assume no responsibility for the opinions or facts in signed articles.

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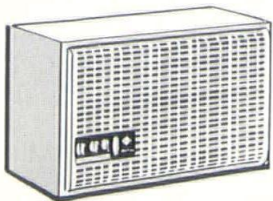
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EDITORIAL

"He that publishes a book runs a very great hazard, since nothing can be more impossible than to compose one that may secure the approbation of every reader." We realize it is an impossible idea to even hope to "secure the approbation of every reader." We realize too, that perhaps this is a good thing, preventing us from becoming smug or settling for mediocrity, rather than continuing to strive for the finest publication we can produce; the kind you deserve. One of the facts we cannot and shall not overlook is

that you, our readers, have helped to ease the burden of our eight young issues. How? Through your comments, favorable and critical, your interest, your enthusiasm and your almost complete support. Needless to say, for this we extend our sincere appreciation. As we have said before, this is your magazine, use it, let us know about your likes and dislikes. Only in this way can we publish the type of magazine you not only enjoy but require.

The Publishers

LETTERS:

Gentlemen:

I wish to commend you on your interest in the development of a New England Architectural Center. I think it is a very good idea and one that could be of tremendous service to the entire New England area, not only to the architectural profession, but also to contractors and people of all walks of life.

If I can be of any assistance, please do not hesitate to call.

Very truly yours,

Samuel Glaser

At the present time our firm is using the New York Samples Bureau; however, if an Architectural Center was established in Boston, it would be much more convenient.

Very truly yours,

FRANK R. MASIELLO, JR., &
ASSOCIATES, INC.

By Frank R. Masiello, Jr., A.I.A.

Gentlemen:

Regarding your Editorial in the March-April New England Architect and Builder Illustrated, received in this office recently, I was most pleased at hearing of the possibility of establishing a New England and Architectural Center in Boston.

Editor's Note — Our regular monthly feature column, CONTRACTS AWARDED, is a resume of information and prices supplied to us from an outside source. Therefore, we ask our readers to understand that we cannot guarantee more than approximate accuracy.



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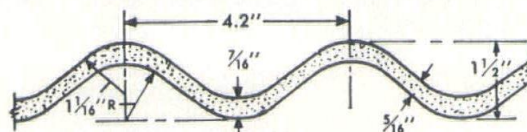
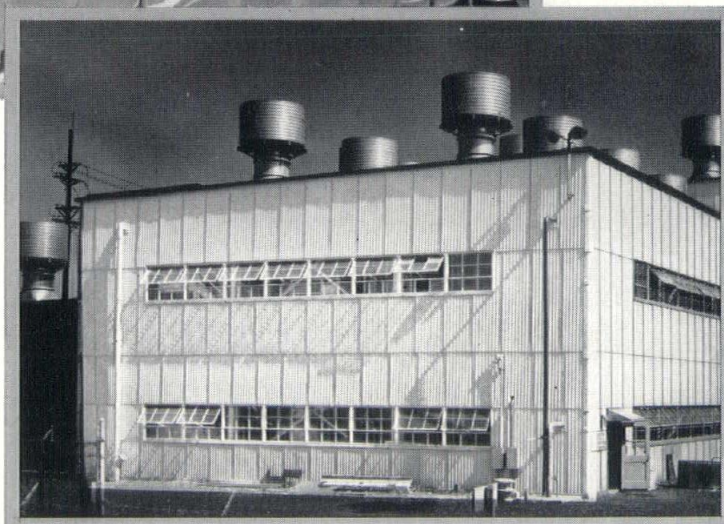
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In the hands of an imaginative architect or engineer dramatic decorative effects can be obtained as in the case of the interior walls of the college auditorium illustrated above.

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JOHNS-MANVILLE

"... as herein specified."



How often we read and hear the above familiar phrase that follows "... as shown on the drawings —" in a good many of our construction specifications. And then the architect, engineer, or specification writer proceeds to lay waste a conglomeration of archaic, hackneyed, do-nothing series of sub-paragraphs that lead to confusion and sometimes chaos in the completion of a modern building project.

The project may be a new school, a civic center, a business building group, a warehouse, shopping center, hospital, a new highway or bridge, or even a waste treatment plant. These are just a few of the myriad of types of building activity that are buzzing around our ears in New England today. These are just a few of the types of contracts that are being executed and backed by private capital or the taxpayer's money.

Through glaring ambiguities and uncertainties of inexperienced writing, we sometimes throw this money down the drain. Contractors have a habit of finding loopholes and then the money begins to pour out as "extras". These extras go on record and the designing architect is saddled with it much to his embarrassment and the red face of his client and the indignation of private capital and the taxpayer.

Can we improve, as designing architect-specs-writers, on these pitfalls of poor construction specs? This, my friend, is the big question. Improve, we may, striving to be letter perfect, making allowances for contingencies that might exist. We may never zero this apex but we can come darn close!



There must be more thorough coordination between drawings and specifications. (In many instances there is no coordination at all.) This should be under the supervision of experienced men qualified in the particular field of design at hand. Anticipate the questions the general contractor or his subs might shoot at you. Fill in the blank spaces. Be more specific. So many architects and engineers use the cut and snip method. Using an ancient specs they proceed to cut out bits and paste or scotch-tape them together like an unharmonious jig-saw puzzle. That is the way they have always handled it and why change, they ask? "I don't need a consultant for my specs — I write 'em myself."

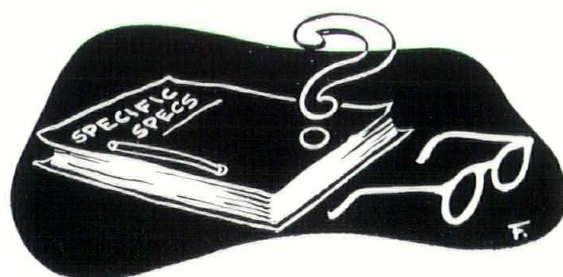
Would you take a heart ailment to a chiroprapist? Another old hat is, "Use the blank job verbatim, it's just like this current one. Just change the paragraph numbers".

How lazy can you get? No wonder some of our most ambitious New England projects fail to go into orbit. They fizzle on the drawing boards and die out; or just naturally go to pot at the hands of inexperienced specs writers. After the initial kick-off section in a



construction specification ending with such words "— as shown on the drawings and as herein specified," Mr. Architect it's up to you. Take the reins. Name your product or products (restricted or open), tell the contractor how, when, or where, and really compliment your drawings. If a yard of material is needed, or twenty sinks, or thirty laboratory tables, or so many squares of roofing or flooring, or a cube of bricks, or a mil thickness of paint, tell them or show them; don't ease off by saying "as required". Required for what, a huge extra! Throw out the anti-diluvian expressions.

I am not attempting in this article or any future one to come up with a magic formula or miracle "cure-all" for our ailing construction specifications. But I think the patient needs a stimulant or hypo and should receive the proper prescription. Through concentrated efforts of the Construction Specifications Institute, in conjunction with the American Institute of Architects and aided by the Associated General Contractors, the Massachusetts Building Congress, the Master Builders Association, the Producers Council, and other prestige organizations, progress is being made to correct the situation and to better educate all concerned so that we may come up with the right answers.

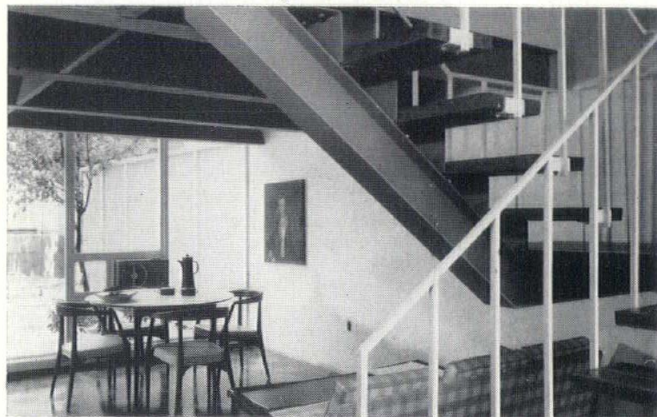


DESIGN AWARD



Mr. Millard Kay, Kay-Locke, Inc., Owner-Builder; Mr. William Krokyn, Krokyn & Krokyn, Architects; and Mr. Merle Locke, Kay-Locke, Inc.

At a recent press party the publishers of **NEW ENGLAND ARCHITECT AND BUILDER ILLUSTRATED** presented Design Awards for "originality in concept and integrated design" as executed in the apartment house at 353 Marlborough Street, Boston, Mass. Mr. Millard Kay, Mr. William Krokyn and Mr. Merle Locke were recipients of the awards along with Sasaki-Walker & Associates, Landscape Architects.



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Excellent lighting is one of the most important features of Gainey's Plan Room. This Plan Room affords more firms the opportunity to bid, the result being more competitive bidding. Plans are centralized. Without the Plan Room many of the estimators would be forced to send for their own sets of plans and specs. Characteristic of Gainey's Plan Room are the individual tables for allowing one to work more easily, freely and without interruption.

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O F F I C E O F

Architects - Engineers

HERBERT H. GLASSMAN, A. I. A.
EDMUND E. McMAHON



P R O F I L E

Perley F. Gilbert Associates, Inc., of Lowell, Mass., and Hartford, Conn., is probably one of the oldest architectural firms in the country, dating back at least to 1872.

Perley F. Gilbert, who inherited the firm from his father, for years was one of the leading architects in the New England area, having designed such notable works as Phillips Andover Academy, Shawsheen Village, Lowell City Hall, and many other older structures in the Lowell area.

It was in 1949 that two dynamic young men, Herbert H. Glassman and Edmund E. McMahon, joined forces with the aging Mr. Gilbert, who passed away in 1954. The success that was enjoyed by Mr. Gilbert did not wane with his passing, even though the firm received a serious setback shortly after his death. A fire completely razed the building in which the architectural office was located, leaving the firm with not so much as a drawing board. Glassman and McMahon, together with the rest of the staff, began immediately to retrace their steps, even before the fire had burned itself out. Inside of three months, working day, night, and weekends, the firm was once again on its feet. With new offices in the Sun Building in Lowell, the office not only was able to serve all of its clients at the time of the fire, but even took on new jobs.

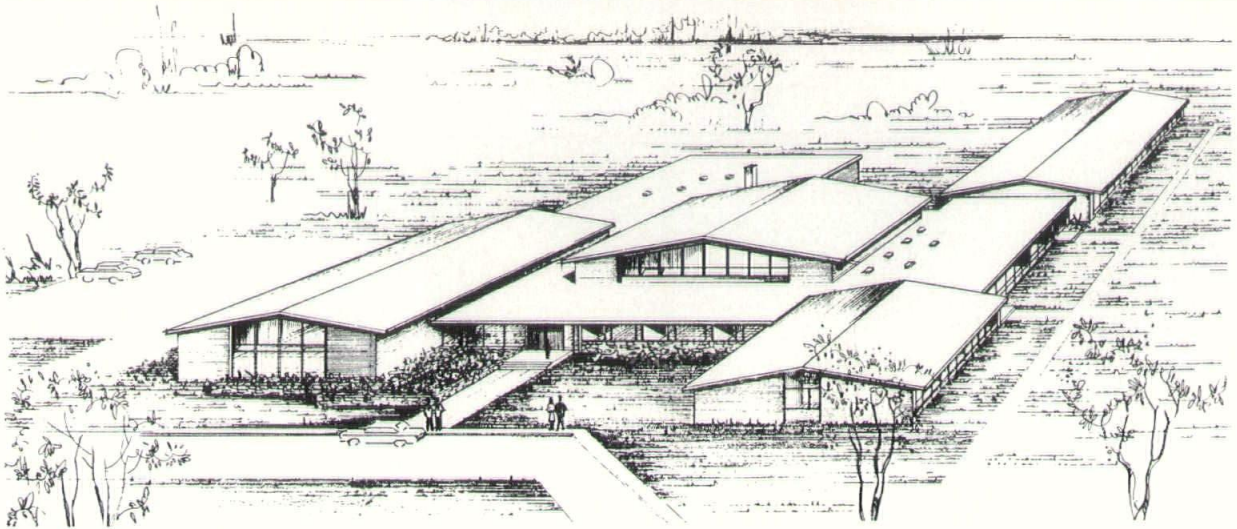
Since that time, the firm has grown in stature until today it is considered one of the finest architectural organizations in the East.

Herbert H. Glassman, A.I.A., attended Georgia Tech for two years before entering the Boston Architectural Center where he received a scholarship to the M.I.T. School of Architecture. He received his architectural certificate at the youthful age of 25. He has been a Critic at the Boston Architectural Center for 15 years. Mr. Glassman was admitted into the A.I.A. in 1944.

Edmund E. McMahon was graduated from Lowell's Keith Academy and later worked as a designer with the United States Government. He was with the H. P. Hood Company until 1945 when he and Mr. Glassman decided to go into business for themselves. Mr. McMahon is also a product of the Boston Architectural Center.

The following repertoire is a cross section of the versatility enjoyed by the firm of Perley F. Gilbert Associates.

SCHOOLS



MARTHA'S VINEYARD REGIONAL HIGH SCHOOL MARTHA'S VINEYARD, MASS.

General Contractor

Ayers, Hagan, Booth, Inc.—Providence, R. I.

The six-town Martha's Vineyard Regional High School, designed for 550 pupils, was constructed on the picturesque island when it became obvious that the three high schools on the island were not operating at their utmost capacity. Because the school was to be constructed on an island, all material had to be transported over water and all labor housed on the island. All building components had to be designed to fit in a trailer truck to fit on the ferry for trips to the island.

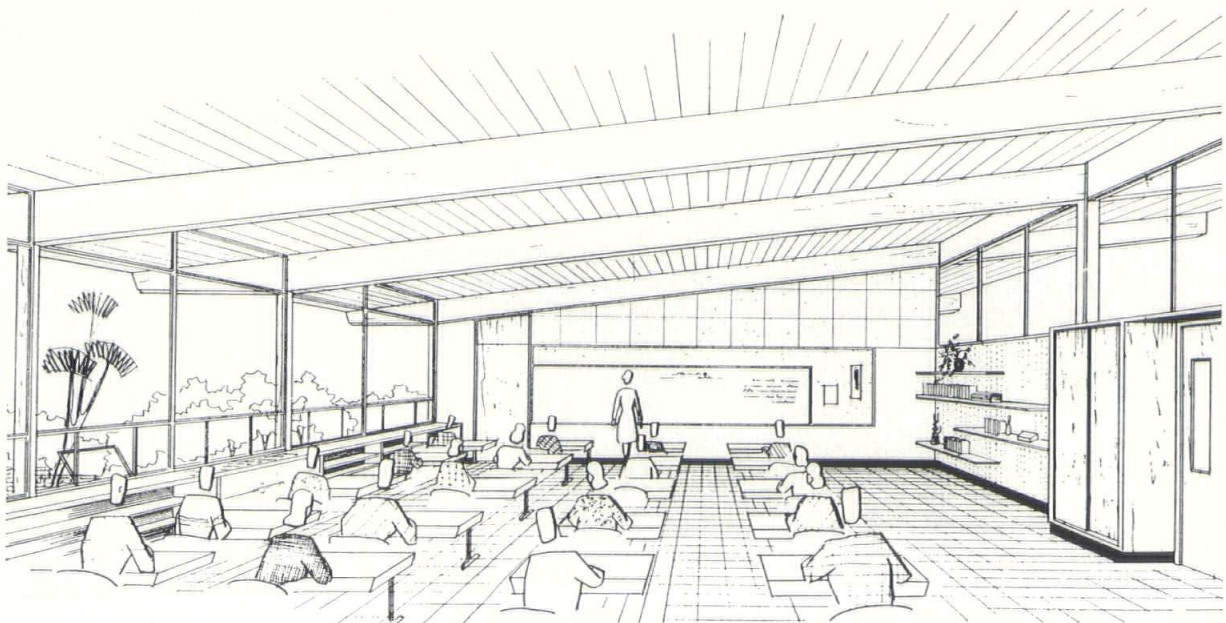
Laminated wood roof structure, long spans of predrilled laminated wood trusses, had to be assembled at the site. A special alloy aluminum, designed to withstand salt water conditions, was also utilized.

Construction consists of a concrete slab on grade with proper precautions against moisture and dampness penetration. The concrete foundation supports a structure consisting of steel columns and laminated wood beams and purlins. Exterior walls are of non-bearing masonry, cavity consisting of 4 inches of brick, 2 inches of continuous air space, and 8 inches of cinder or concrete block. Window walls consist of fixed glass and awning type sash is set in aluminum alloy frames. Interior

partitions are of plaster on metal studs. All interior areas are acoustically engineered for the activity involved. Floors are vinyl-asbestos tile, except in the toilet and locker rooms which are ceramic tile, the lobby and kitchen of quarry tile, and the gymnasium of wood on a resilient base. The total cost of the school is \$954,859, or \$1,636 per pupil.

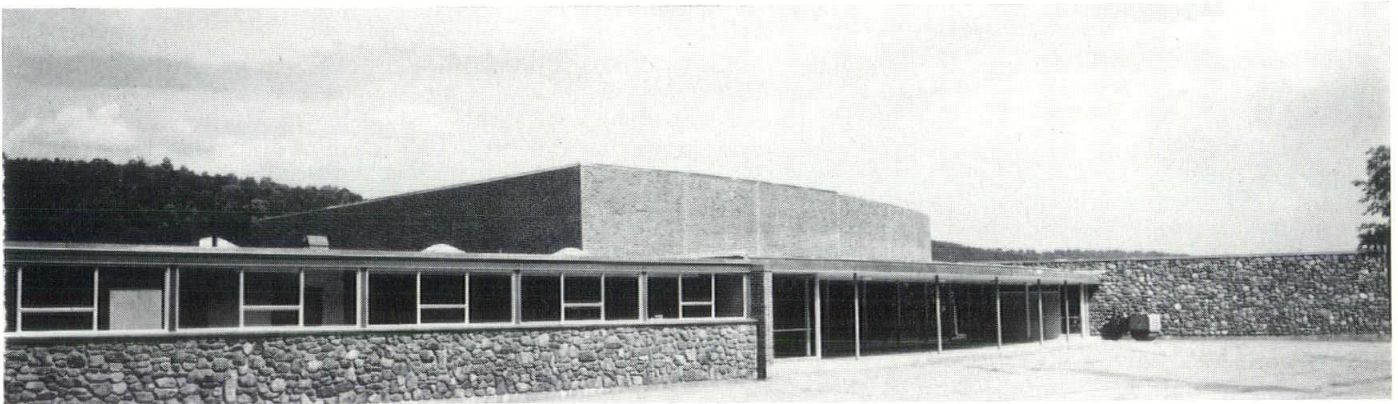
MATERIALS GUIDE

Heating — Brandt-Jordan Corp., New Bedford, Mass. Plumbing — Miles Incorporated, Brockton, Mass. Electric — Forsberg Electric Co., Brockton, Mass. Resilient Flooring — Mari & Sons, Somerville, Mass. Aluminum Sash — W. F. Cannon Co., Boston, Mass. Laminated Wood — Unit Structures, Lynn, Mass.



RIVERSIDE PARK INTERMEDIATE SCHOOL

**PERLEY F. GILBERT
ASSOCIATES, INC.**

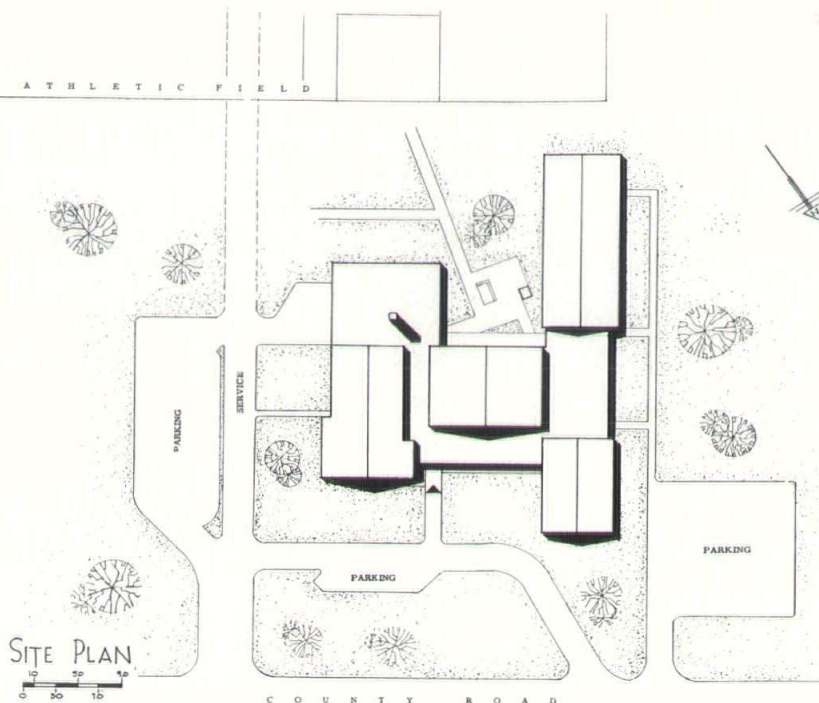


**RIVERSIDE PARK
INTERMEDIATE SCHOOL
SPRINGFIELD, VERMONT**

**GENERAL CONTRACTOR
FRECHETTE & CLOUGH
CONSTRUCTION CO.
TUPPER LAKE, N. Y.**

The \$1,087,617 Riverside Park Intermediate School located at Springfield, Vermont, encompasses an area of approximately five acres in an industrial community in the heart of the Green Mountains. The site consists of an extremely steep grade with a small flat plateau of 2½ acres half way up the slope.

To reduce costs, it was decided to build into the slope of the hill. The placement of the building afforded the architects the opportunity to use the only flat area on the side of the hilly slope for parking and access to the building. Due to the site, sub-surface, and budget consideration it was necessary to design a structure as light as possible and yet one that would offer durability and maximum fire safety. A steel cage type frame with cellular steel floor and roof building panels enclosed by non-bearing masonry cavity walls best suited these considerations. Exterior walls, except for window walls, are masonry cavity wall construction throughout consisting of 8 in. of brick, 2 in. of

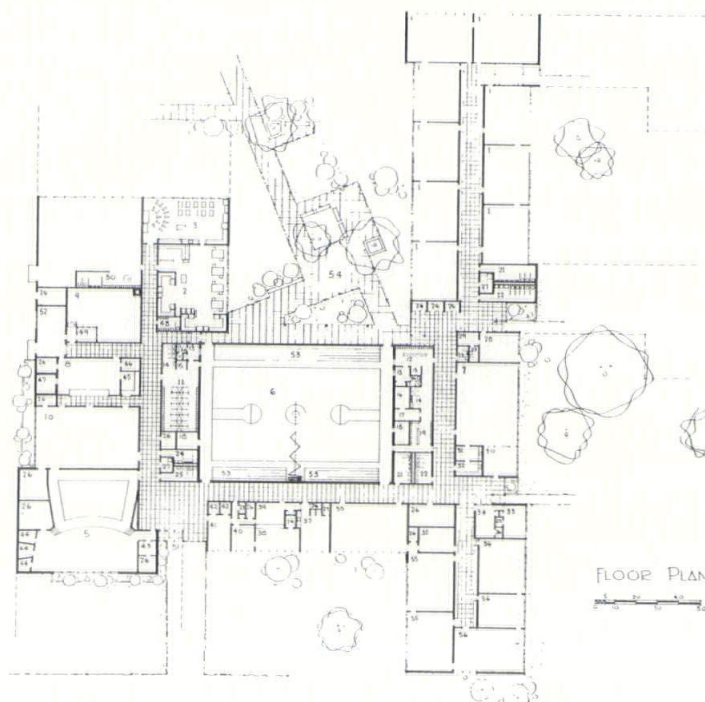


air space, and 4 in. of cinder concrete block. The window walls consist of insulated porcelain and aluminum panels set in extruded aluminum frames. Interior partitions are cinder and concrete block in classrooms, plastered in corridors, faced with ceramic and structural glazed tile in toilet and locker room areas. Floors throughout are asphalt tile except for toilet and locker rooms. The gymnasium, the largest in Vermont, boasts a floating type maple floor. Ceilings throughout except in the auditorium are perfo-

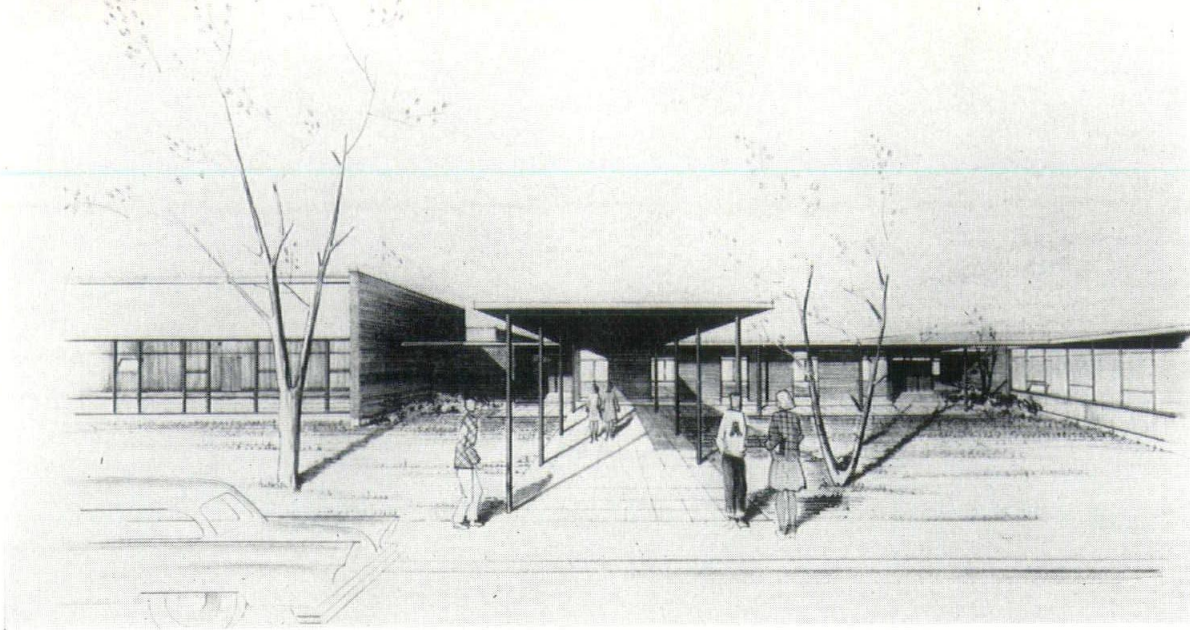
rated metal panels with perforated metal and glass wool acoustical panels. The auditorium ceiling is suspended sound absorbing perforated asbestos cement and mineral wool placed to conform to the acoustical requirements of the room. The cost per pupil is \$1,441.

MATERIALS GUIDE

Heating and Plumbing — Frank A. Gallagher & Son, Salem, Mass. Electrical — Loyal Electrical Appliance Co., Brattleboro, Vermont. Window Walls — W. F. Cannon, Boston, Mass.



PERLEY F. GILBERT ASSOCIATES, INC.



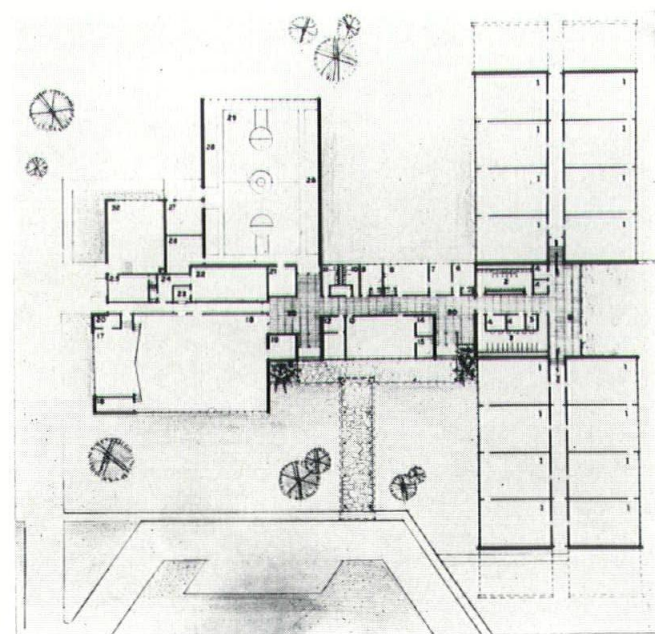
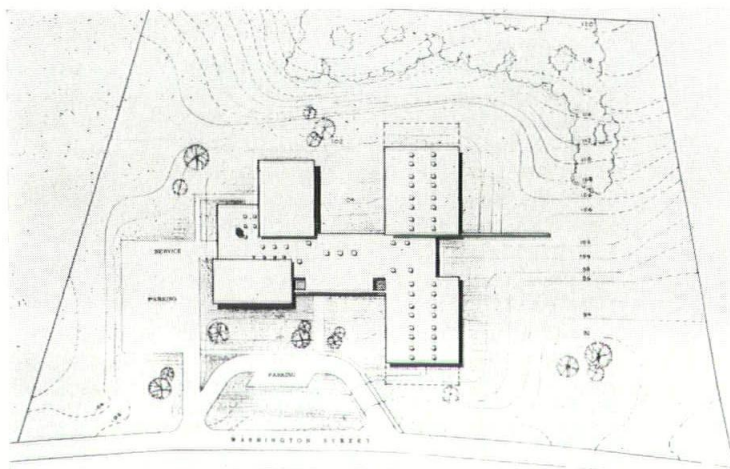
**PAGE ELEMENTARY SCHOOL
AYER, MASS.**

**GENERAL CONTRACTOR
J. F. RAND & SONS
BOSTON, MASS.**

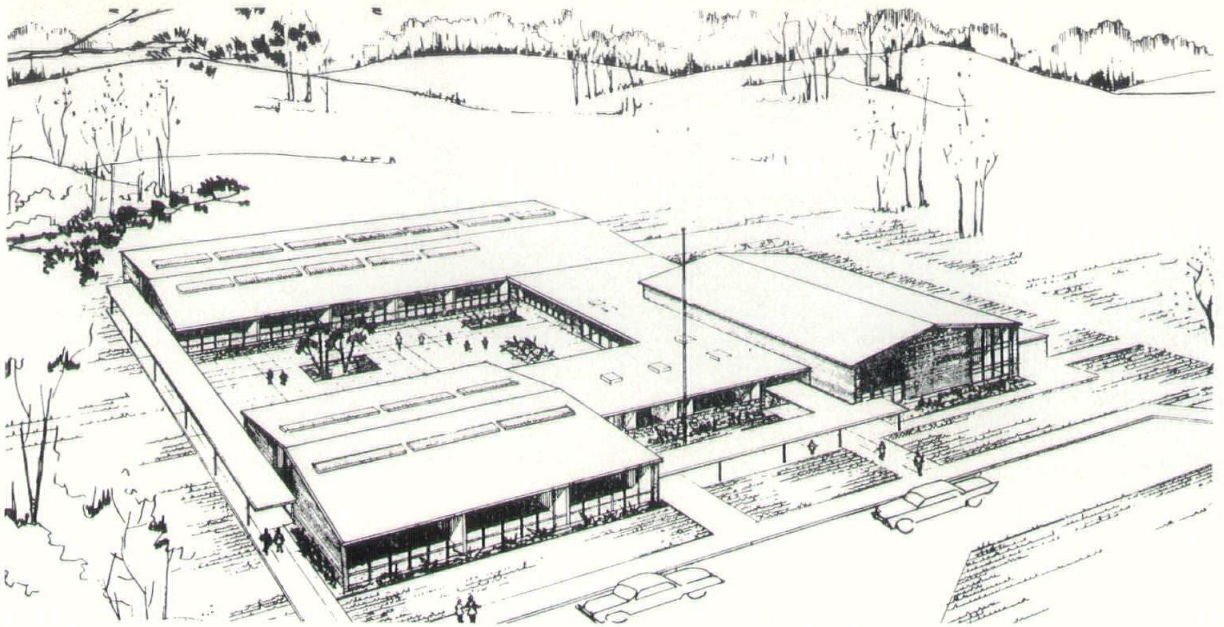
The Page School, located at Ayer, Mass., is a 16-room elementary school for 560 pupils, and includes a library, gymnasium, locker rooms and cafeteria. Cost per pupil is \$1,104. The total cost of the school was \$649,243. Special features included in the school are: Acoustic cellular steel roof deck; use of Cement Enamel, both exterior and interior; end classrooms reduce corridor space and perimeter with savings on construction and up-keep. Integral steel building panels, which provide an acoustical ceiling, were utilized to keep costs down. The building is constructed of steel and masonry providing for maximum fire safety as well as low maintenance.

MATERIALS GUIDE

Plumbing — Henry B. Byers, Marblehead, Mass.
Heating — Middlesex Machine Co., Lowell, Mass.
Electrical — Jeffery Electric Construction Inc., Clinton, Mass.
Resilient Flooring — State Flooring Co., Boston, Mass.
Aluminum Windows — W. F. Cannon Co., Boston, Mass.
Steel Building Panels — Fenestra, Inc., Cambridge, Mass.
Cabinetry — Grade-Aid Corporation, Nashua, N. H.



PERLEY F. GILBERT ASSOCIATES, INC.



HORNE STREET ELEMENTARY SCHOOL DOVER, N. H.

**CONTRACTOR
CONSOLIDATED CONSTRUCTORS
INC.
PORTLAND, MAINE**

The Horne Street School, located at Dover, N. H., was designed to meet the demands of a rapidly expanding school population. Plans were approved for a building contemporary in design and incorporating the most modern technical advances to provide the utmost in its facilities with a maximum of efficiency and a minimum of upkeep. The sub-soil at the site made it necessary that the building be completely supported on concrete piles and a unique type of compression pile introduced in the United States only recently was used. Concrete was rammed into the earth under tremendous pressure to form a firm footing.

The building is constructed of steel and masonry providing maximum fire safety and low maintenance. Interest is added to its appearance by facing the front of the administrative area with New Hampshire granite left in its natural state to blend the building with the site. Certain sections of the exterior walls, also, as well as the corridor walls inside the building are surfaced with cement enamel. This is a vitreous tile-like surface which has the strength and durability of glazed tile at a fraction of its cost.

A major factor in the economy of the building was the use of integral steel building panels, which provide an acoustical ceiling, the structural roof system, and steel deck roof all in one operation, eliminating what would normally entail seven trades. The 19-room elementary school for 720 pupils cost \$850.00 per pupil. The total cost of the school was \$639,926.





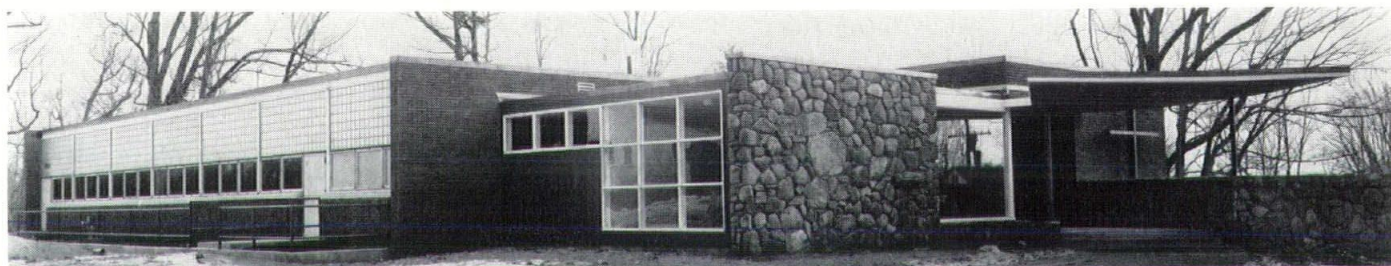
**ADMISSION TREATMENT
BUILDING
NORTHAMPTON STATE HOSPITAL
NORTHAMPTON, MASS.
GENERAL CONTRACTOR
M. I. O'CONNOR, INC.
NORTHAMPTON, MASS.**

The Admission Treatment Building at the Northampton State Hospital, Northampton, Mass., is concerned with the initial treatment and observation of the mentally ill. It is a 200-bed self-contained unit built especially for the treatment of the

mentally ill by the use of modern techniques in shock therapy, X-ray, and physiotherapy. The building is completely staffed with psychometrists, psychologists, social services, laboratory technicians, doctors, dentists, nurses, etc., to comprise one of the most modern admission buildings in the country. The total cost of the building was \$1,881,000.

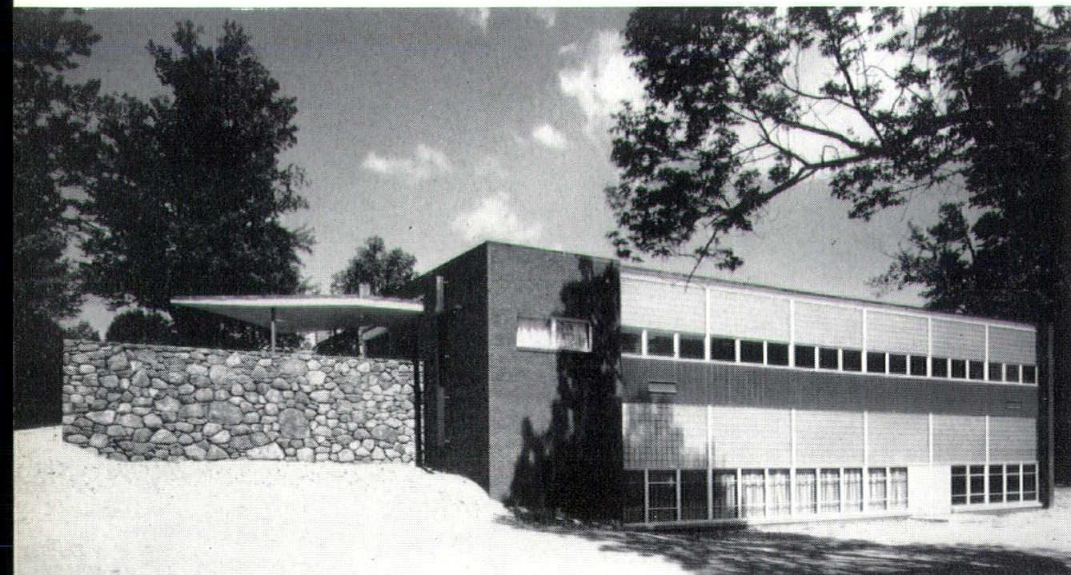
MATERIALS GUIDE

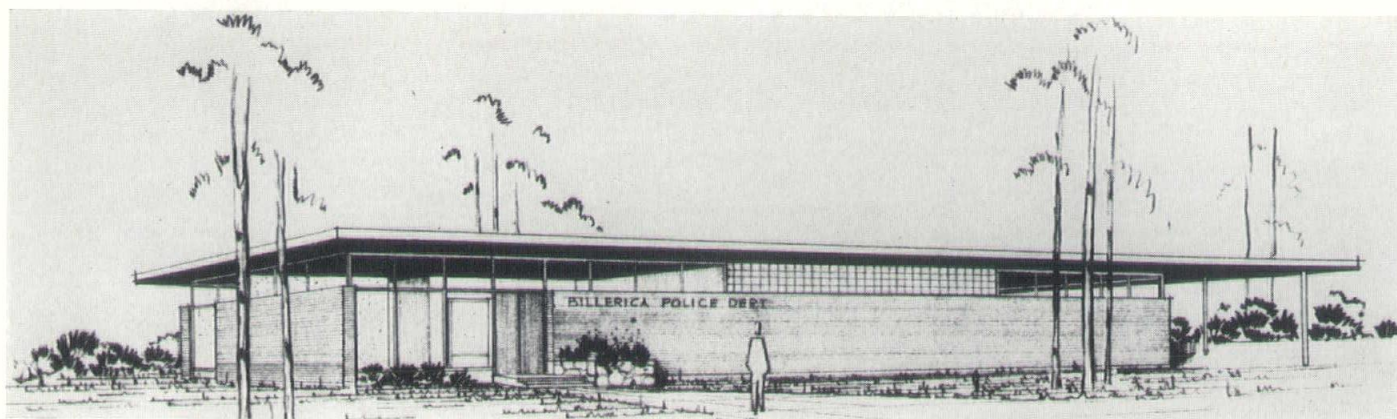
Plumbing — J. M. McCusker Company, Jamaica Plain, Mass. Electrical — M. L. Schmitt, Inc., Springfield, Mass. Heating — Central Utilities & Engineering Co., Inc., Boston, Mass.



**OUR LADY OF
MONADNOCK ACADEMY
EAST JAFFREY, N. H.
GENERAL CONTRACTOR
JAMES E. VIETTE
KEENE, N. H.**

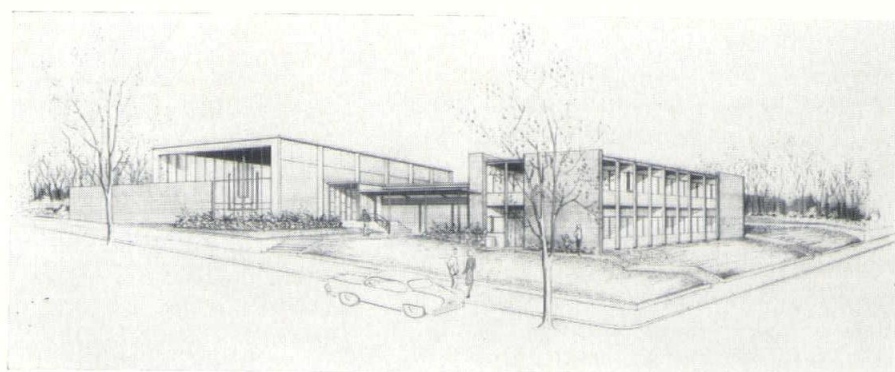
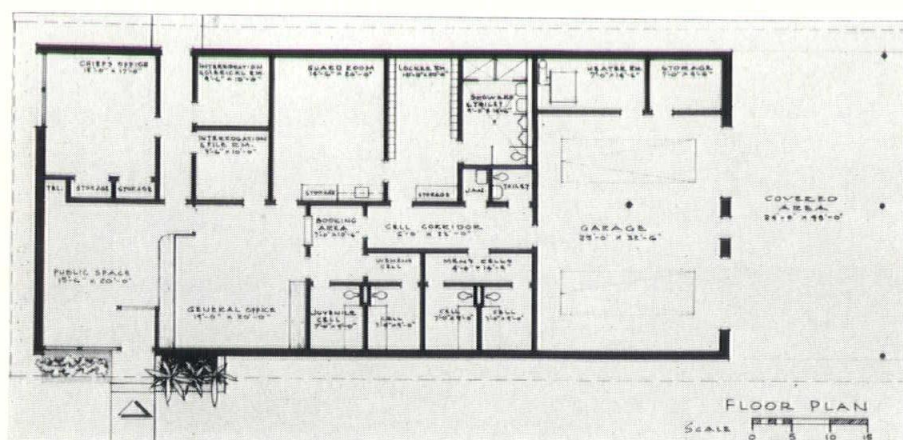
The Our Lady of Monadnock Academy, consisting of nine classrooms and a multi-purpose room, is a Parochial High School for girls located at East Jaffrey, N. H. Completed in 1952, the Academy incorporates masonry cavity wall construction, acoustic cellular steel floor and roof panels, and steel frame. The use of natural fieldstone from nearby Mt. Monadnock adds a note of rustic beauty to the building which blends harmoniously with the background. Total cost of the building was \$123,000. Rev. John McSweeney of the Roman Catholic Diocese of Manchester, N. H., is Pastor of the school.





BILLERICA POLICE STATION BILLERICA, MASS.

A one-story police station, consisting of a public visiting space, general office, chief's office, two interrogation offices, three cells for men, one cell for women, a juvenile detention room, guard room, toilet and shower room for officers, and a garage for vehicles, will be built at Billerica, Mass., shortly. Architects estimated cost is \$75,000. The building will be of masonry cavity wall construction, 4 inch brick and 8 inch cinder block. Interior partitions will also be of cinder block. Plans also call for acoustic cellular steel roof deck, and a terrazzo floor throughout except in the garage. Low bidders had not been announced at press time.



TEMPLE EMANUEL • LAWRENCE

GENERAL CONTRACTOR
WALEN & DUMAIS
WELLESLEY, MASS.

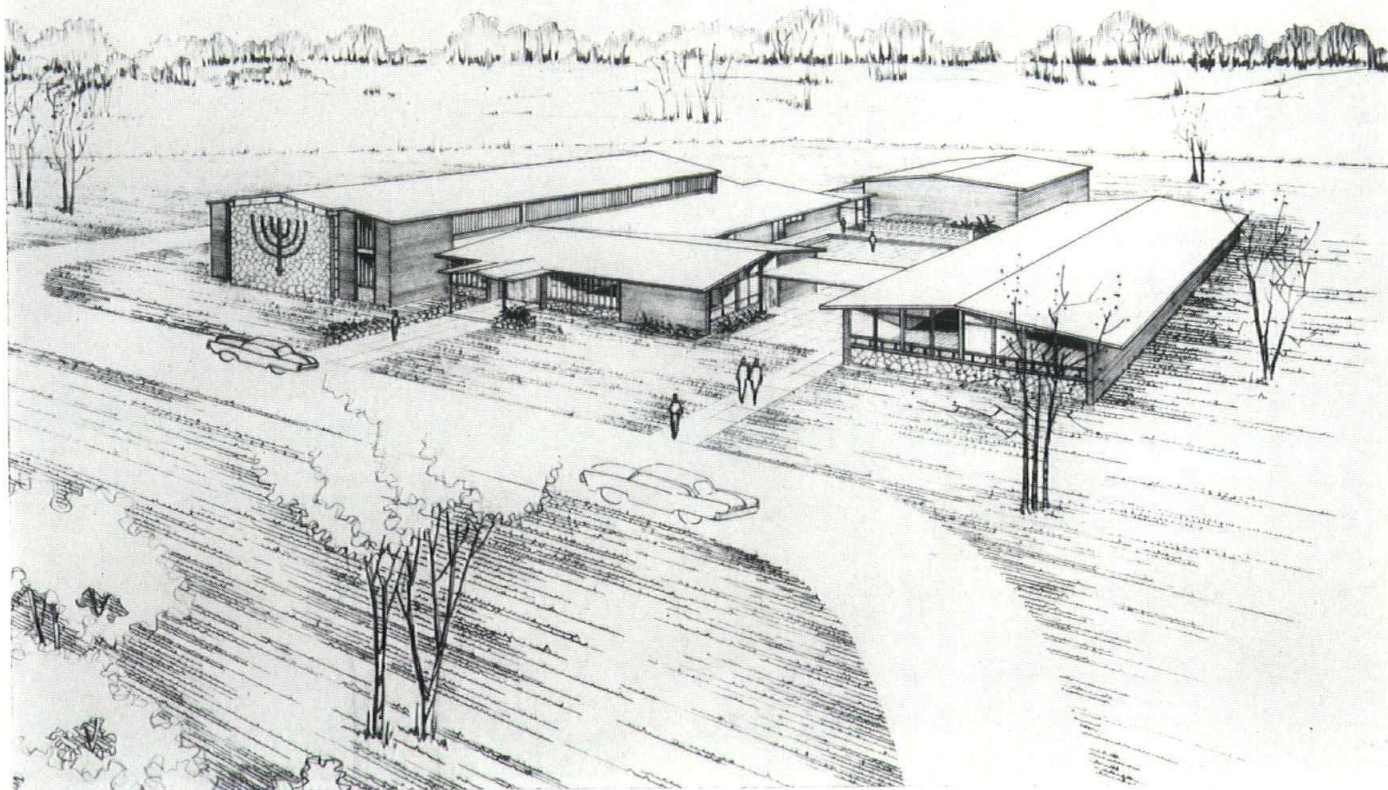
The Temple Emanuel, at Lawrence, Mass., was designed to seat 250 capacity at regular services. A social hall which opens into the

Temple at High Holidays provides seating for an additional 500 persons. When used for banquet purposes, the social hall seats 350. Also included in the Temple is a Hebrew school consisting of 12 classrooms with a capacity of 17 per room; a Rabbi's office; school principal's office; clerk's office; library, and chapel. The Temple area incorporates laminated wood bents, tectum deck, and walls panelled in ash. Components for the Hebrew school area are masonry cavity wall construction, steel frame, acoustic steel floor and roof deck, and steel window wall. Total cost of the Temple was \$211,883.

MATERIALS GUIDE

Heating — Malden Industrial Piping Co., Malden, Mass. Plumbing — Kahn Plumbing Contracting Corp., Medford, Mass. Electrical — Delta Electric Service, Allston, Mass. Cement Enamel — Cement Enamel of New York.

PERLEY F. GILBERT ASSOCIATES, INC.



MEDFORD JEWISH COMMUNITY CENTER MEDFORD, MASS.

**GENERAL CONTRACTOR
SINGLETON CONSTRUCTION CO.
TEWKSBURY, MASS.**

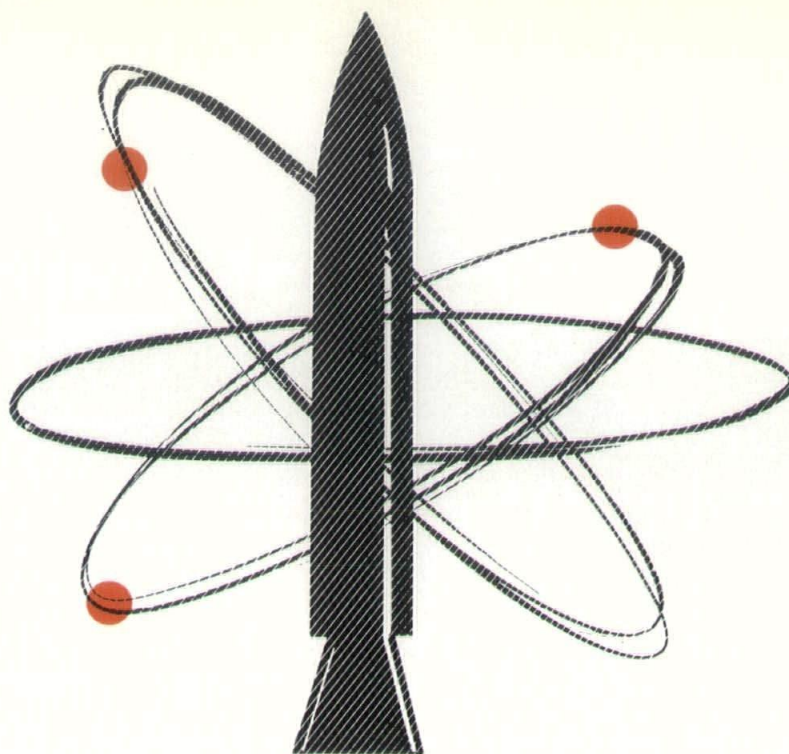
The Medford (Mass.) Community Center includes a Temple which seats 280 persons at regular services, and an auditorium which opens into the Temple making an additional 550 seating facilities available. The \$322,715 building also includes a Hebrew school consisting of 10 classrooms with a capacity of 24 pupils per room, which is laid out in campus fashion. A chapel, library, bride's room, director's office, Rabbi's office,

principal's office, stage, and dressing rooms make the building versatile as well as beautiful. Building components include brick and stone masonry walls, laminated timber frame and plank decking, interior walls of imported hardwood plywood in various finishes, terrazzo floors in public areas, carpeting in the Sanctuary. The building is also air-conditioned.

MATERIALS GUIDE

Heating — Allied Engineering Co., Lawrence Mass. Plumbing — Frank A. Gallagher and Son, Salem, Mass. Electrical — Allied Electrical Corporation, Lawrence, Mass. Steel Panels and Window Wall — Fenestra, Inc., Cambridge, Mass.

Another New England industrial giant, the Avco Research Center, was officially dedicated on May 14, 1959. Its architectural design is indicative of the advanced technical work assigned to the corporation.



AVCO RESEARCH CENTER

W I L M I N G T O N . M A S S A C H U S E T T S



Architect

Charles Luckman Associates
Los Angeles, California

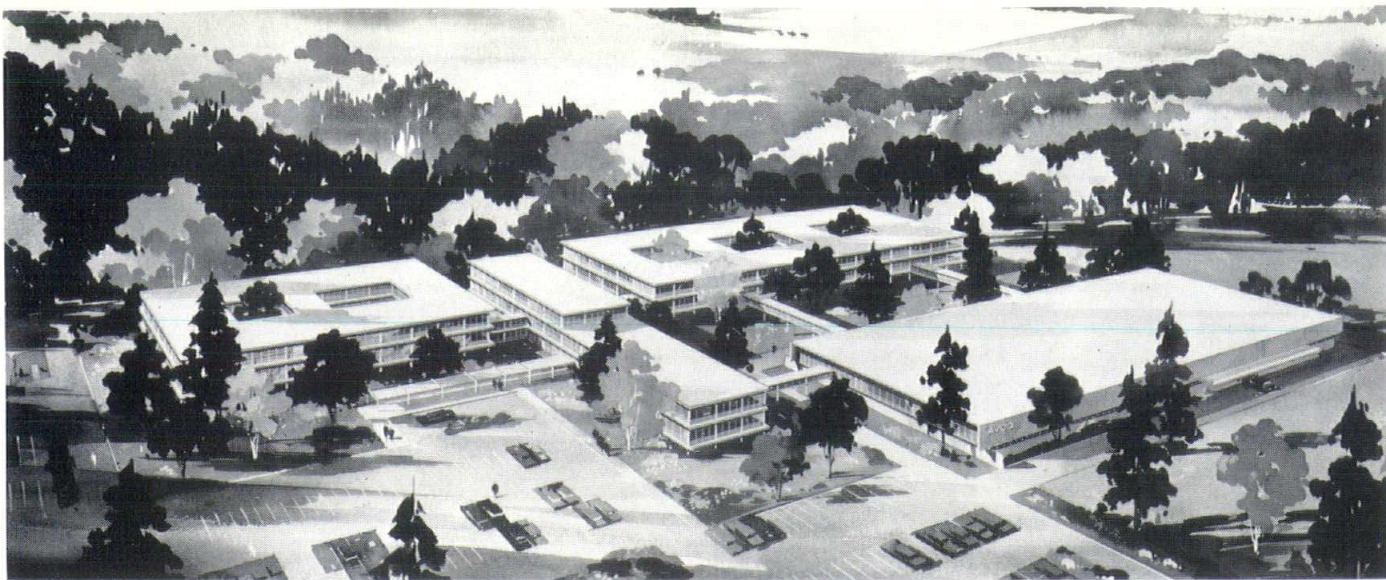
Engineers

Metcalf & Eddy
Boston, Mass.

General Contractor

Aberthaw Construction Co.
Boston, Mass.

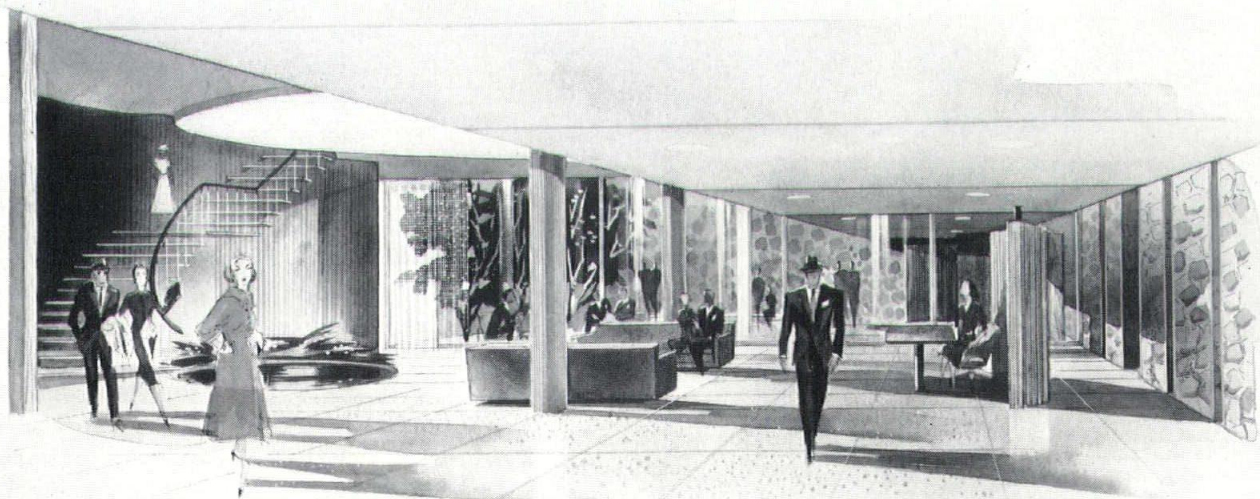
Located in Wilmington, Mass., the new 23-million-dollar plant, devoted to basic and applied research and development in the major scientific disciplines, includes unique laboratories, support facilities and equipment, and is second to none in the country. It is now the permanent home of the Research and Advanced Development Division and later also will house the Research Laboratory of the Avco Manufacturing Corporation.



The Research Center is located on a 92-acre site, surrounded by a naturalistic setting of white pines. The landscape development has repeated this feature in planning the lightwells in such a manner as to allow for the native trees to project through the buildings and enable the employees to view woodland atmosphere from the various six lightwells.

Trees, indigenous to the area, have been selected to provide the background for the landscape development. Sugar maples line the drives and parking areas, and large white pines have been placed adjacent to the buildings to give the appearance of long standing and permanency to the Center.

Large lawn panels, set off with flowering trees and evergreens, provide a pleasant view from the buildings and tend to create a verdant to the complex. To reduce monotony and provide contrast, large areas beneath and around the buildings are planted with Baltic Ivy. Approximately four acres of crushed granite has been





used under and around the buildings to reduce maintenance and add contrast. Three garden pools, featuring water displays, create an atmosphere of motion in the lobby entrance and executive areas. The landscaping, in general, is in subordination to the building complex and tends to complement the contemporary architectural features of the site.

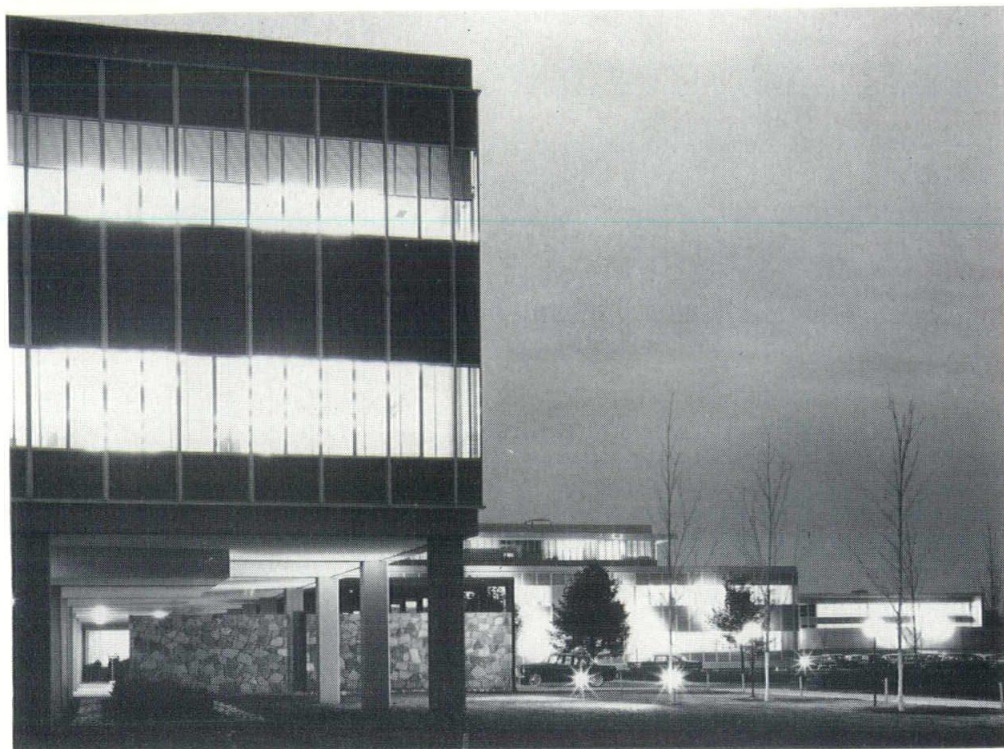
The six buildings making up the plant are designed totally for research and development work. Total number of square feet in all buildings is 476,081.

All permanent partitions, such as corridors, stairwells, and rest rooms, are of steel stud, wire lathe, and

plaster construction. All other partitions are movable. There are approximately 15,000 lineal feet of movable type partitions. The exterior walls are of the curtain wall type, with the panel frames of extruded aluminum and the panels themselves of baked porcelain finished steel. The panels were manufactured by the American Kitchen Division of Avco, and the actual fabrication was done by the Fenestra Company.

Floor slabs are poured reinforced concrete of 3,000 pound test. The majority of the floors are covered with asbestos tile with the exception of the cafeteria, auditorium, and IBM computing area, which are vinyl.





The basic column module is on $25\frac{1}{2}$ feet centers and the curtain wall panel module is 4 feet, 3 inches with an intermediate window mullion at 2 feet, $1\frac{1}{2}$ inches. The well wall must fall on a mullion. The supply air from the air conditioning system is through insulated duct work and the return air is through an open plenum above the dropped ceiling.

Fluorescent lighting is used throughout the entire installation with the exception of photographic dark rooms where incandescent lighting was used so as to preclude fluorescent afterglow and the danger of fogging of photographic film.

The telephone system consists of a 1600-line, seven position switchboard. Before the personnel was completely moved into the buildings, it was increased from a 1200 line to its present size.

Some of the equipment within the building is of such a nature that it required special foundations and under-floor troughs for the running of cables. A below-floor pit 8-feet in depth and 20 feet in diameter houses a large centrifuge, and also within this building are large test chambers where any climatic condition can be simulated.

The length of time in construction ranged from the ground breaking on February 18, 1957, to occupancy of the first building on July 1, 1958. Final occupancy of all buildings was completed by September 1, 1958.





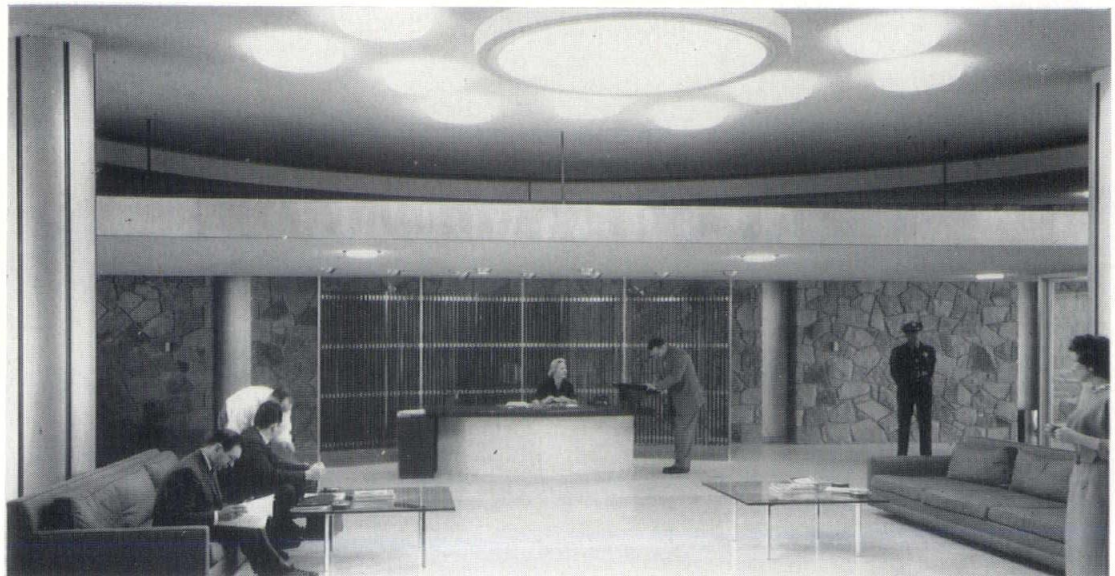
The principal subcontractors on the job were as follows:

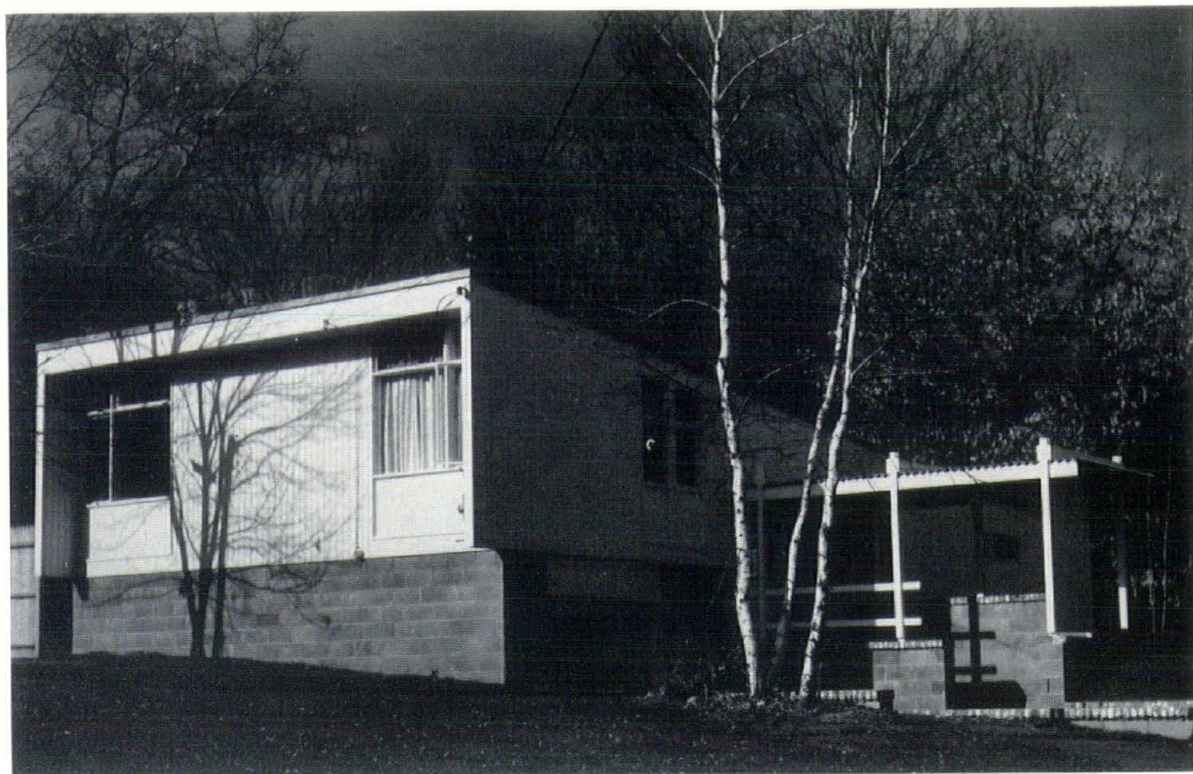
Electrical — Manzi Electric Company, Lawrence, Massachusetts
Plumbing — Robert A. LaCentra Company, Boston, Massachusetts
Heating and Ventilating — Fred Williams, Inc., Boston, Massachusetts
Fire Protection System — John J. Vogel Company, Boston, Massachusetts
Plastering — Frederic A. Connor, Inc., Lowell, Massachusetts
Roofing — Columbia Cornice Company, Boston, Massachusetts
Glazing — Karas & Karas, Boston, Massachusetts
Paving — Tri Mount Bituminous Products, Inc., Boston, Massachusetts
Cafeteria and Kitchen Equipment — Boston Showcase Company, Boston, Massachusetts
Hardware — Arlwood Corp., Boston, Massachusetts
Elevators — Beckwith Elevator Company, Boston, Massachusetts
Site Work & Storm Drainage — Civil Trust Company, Boston, Massachusetts
Hung Ceilings — Dillaby Fireproofing Company, Boston, Massachusetts
Landscape Architect — Sasaki & Associates, Cambridge, Massachusetts
Floor Tile — M. Frank Higgins Company, Boston, Massachusetts
Painting — H. Newton Marshall Company, Boston, Massachusetts
Tile & Terrazzo — Renaldi Tile Company, Cambridge, Massachusetts
Interior Decorator — Hans Krieks, Business Interiors, Boston, Massachusetts

Three of the main group of four buildings are built into a hillside, with the south side of the buildings on grade and the north side of the buildings elevated 17 feet above ground level. Two of these three buildings have a total of six lightwells in which pine trees were undisturbed during construction, some of these trees extended 10 to 15 feet above the roof level. Three of the buildings, with a total of 299,286 square feet, are completely air conditioned. Portions of the other three buildings are air conditioned for special purpose laboratories which require temperature and humidity control. The air conditioning equipment for the three buildings which are completely air conditioned total sixteen hundred tons. All buildings are sprinklered throughout.

At the present time there are approximately 2,250 employees and parking space for some 1,300 cars has been provided. The cafeteria has seating accommodations for three hundred and sixty people. There is also an executive dining room where guests may be served which seats forty-four people.

Also included in the Center is an auditorium which is the shape of an ellipse and has a seating capacity of two hundred people. The Center has its own Technical Library with a four-hour vault for classified documents. The Drafting Section of the Engineering Department also has a four-hour vault as well as the Document Control Section.



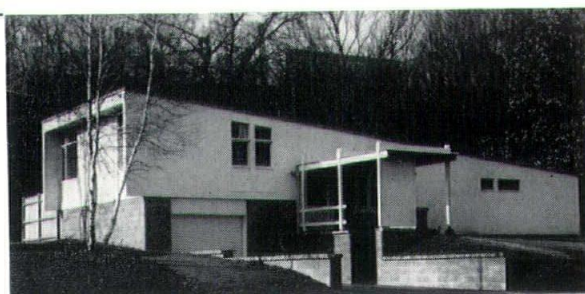


Here is a house that reflects the informality and casual living in keeping with an economical open plan and at the same time uses the restraint and consequent formality of simple detailing and uncluttered wall and ceiling planes. The result is a restful, ordered and satisfying house.

david berger residence

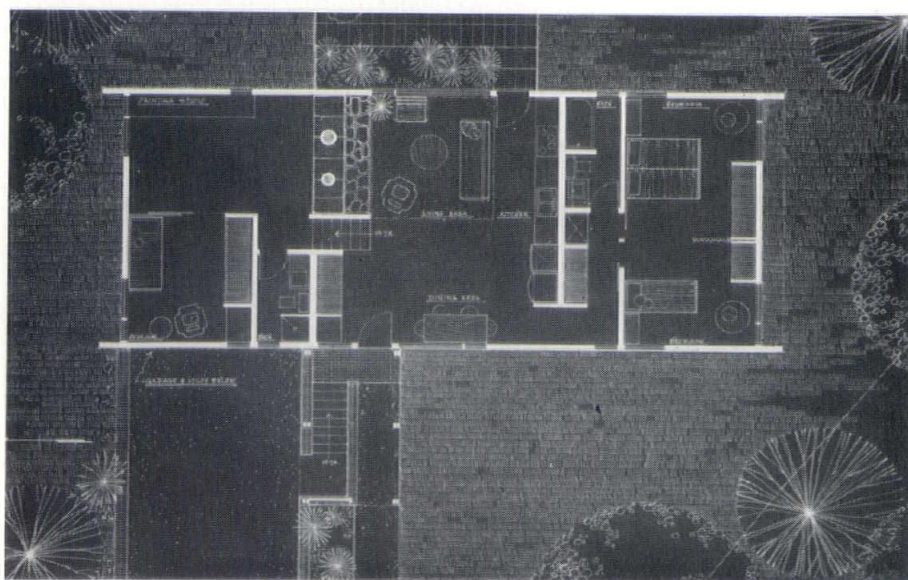
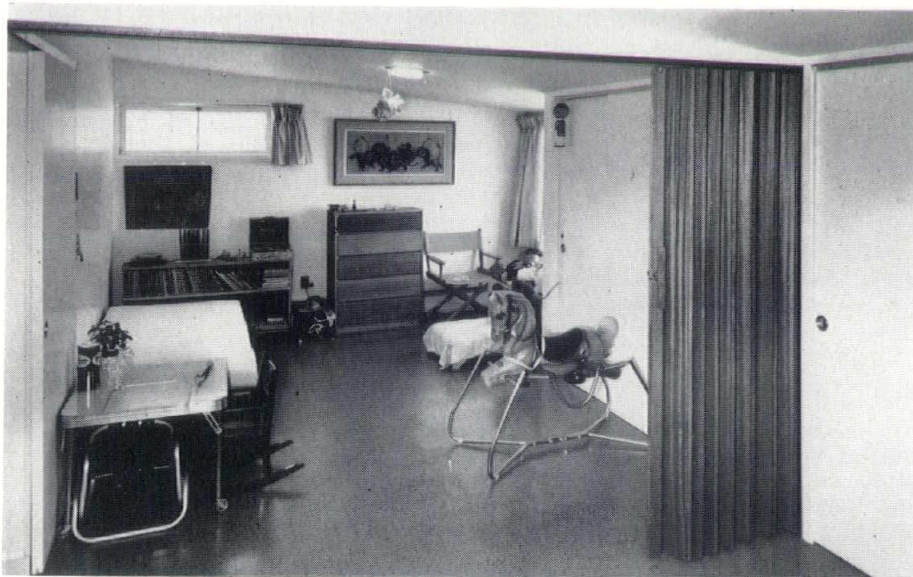
framingham, mass.

RICHARD W. HAMILTON
&
MARVIN E. GOODY
ARCHITECTS



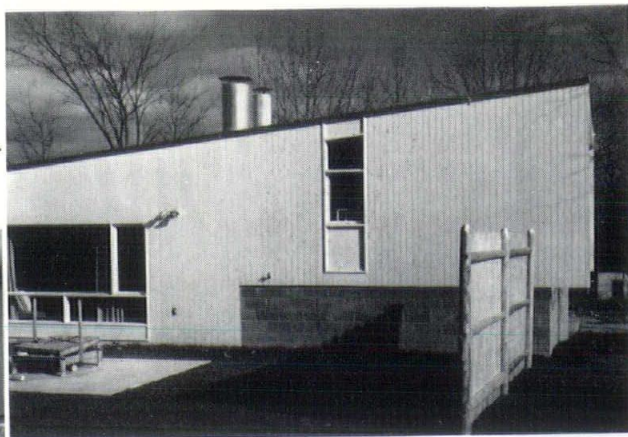


Careful consideration was given to providing convenient working space for Mr. Berger and an attractive setting for his paintings. The studio located on the upper level facing north is separated from the living area by the fireplace. Stark white walls throughout heighten the feeling of airy spaciousness as well as serving as an effective foil for displaying the owner's paintings.



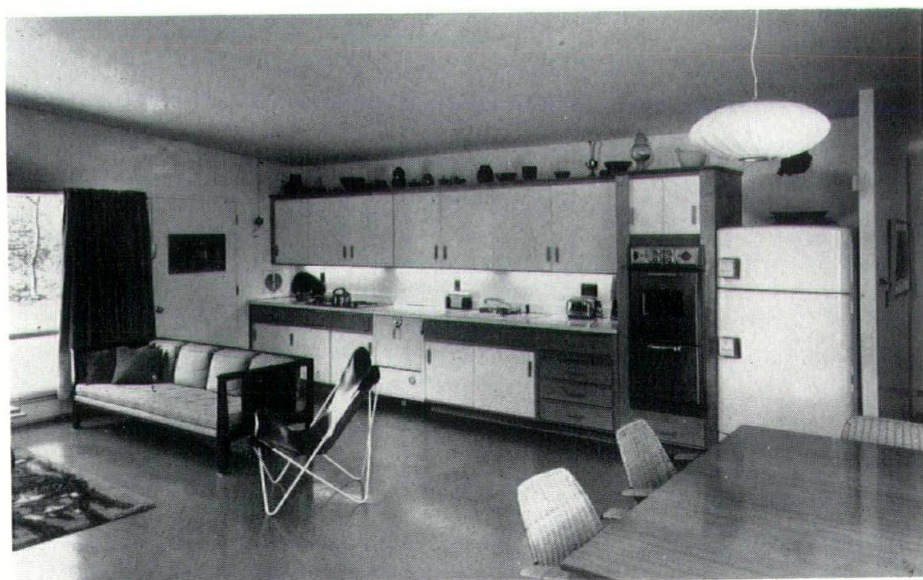
david berger residence

hamilton & goody, architects

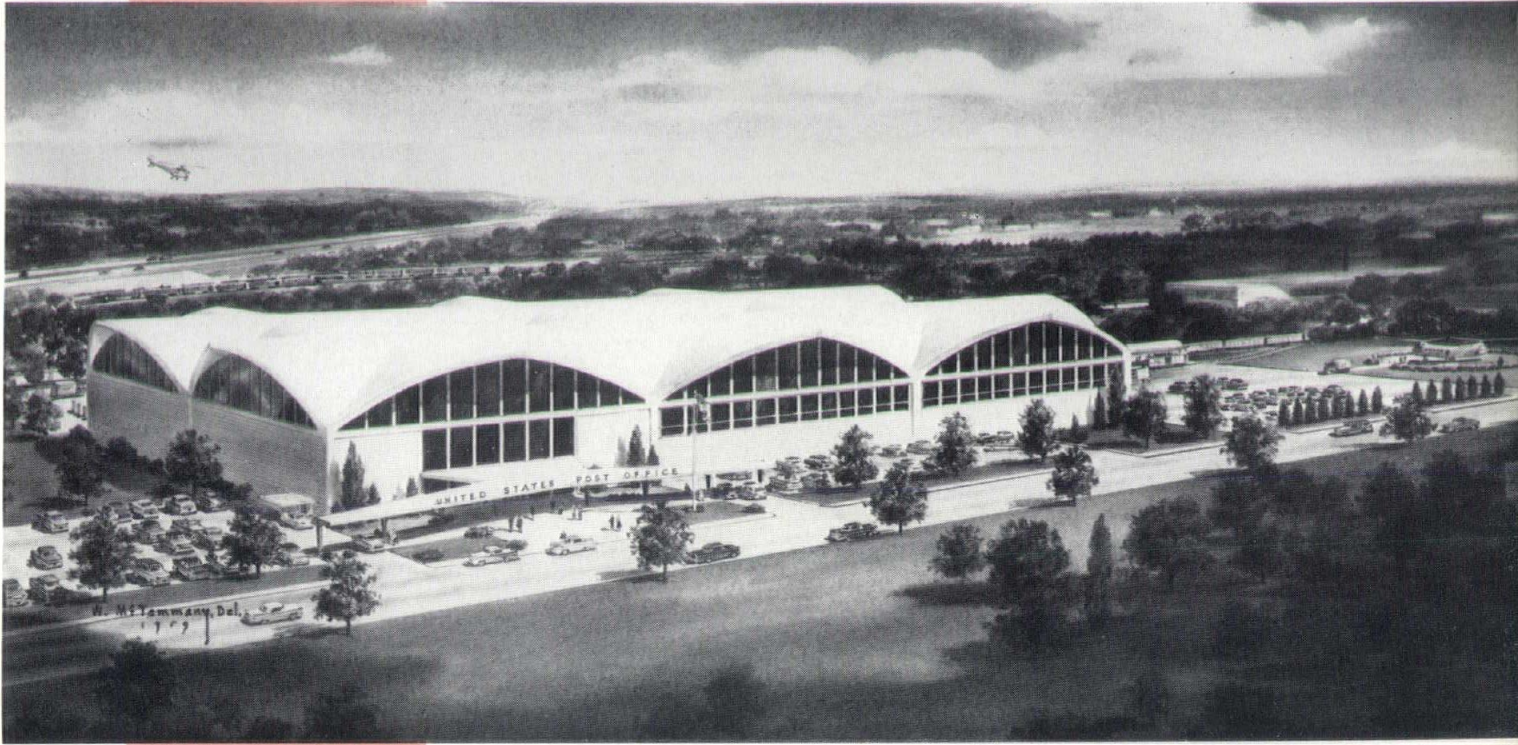


The not uncommon problem of providing adequate space despite inadequate funds has been ingeniously solved in this home built for artist David Berger, and his family in Framingham, Massachusetts. The architects' approach to the design was one of complete integrity — unhindered by any irrelevant or preconceived notions. To quote Mr. Goody, "We did not intend a modern or any other particular style house — we were determined to solve the basic problem of area versus cost. We racked our brains and accepted the solution as it came."

In this case, the architects were fortunate in having an equally realistic and unprejudiced client who readily agreed to such necessary economies such as putting the kitchen in the living room. The house includes, in addition to the spacious — 22'.0" x 20'.0"— living, dining and kitchen area, three bedrooms, studio and two baths — all for \$22,000.00 including cost of land.



P R O J E C T T U R N K E Y
P R O V I D E N C E , R . I .



Engineers

Charles A. Maguire & Associates

1100 Turks Head Building, Providence, R. I.

General Contractor

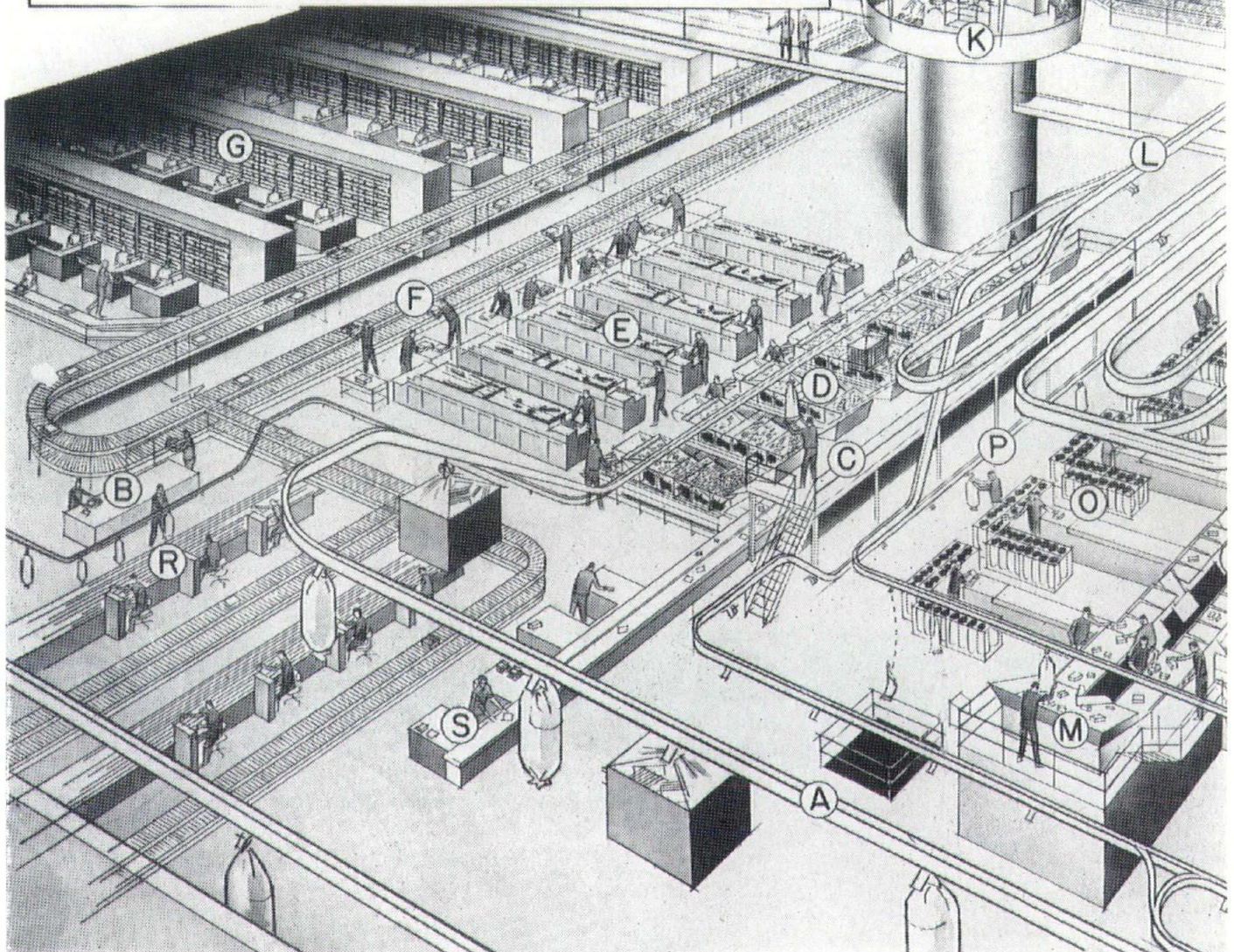
Gilbane Building Company, Inc.

90 Caverly Street, Providence, R. I.

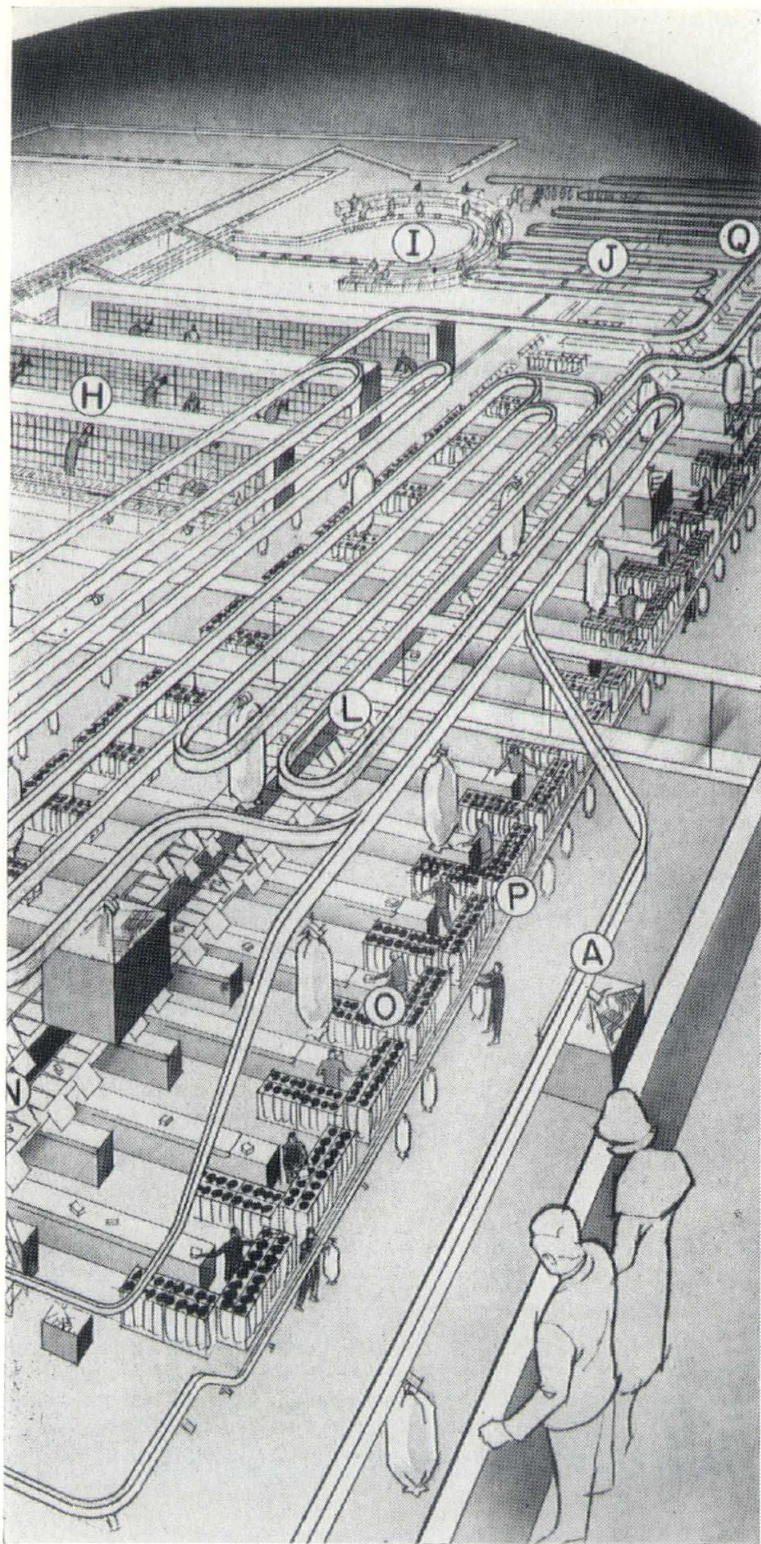
Work has been progressing since April 2nd on the world's first fully mechanized Post Office in Providence, Rhode Island. Postmaster General Arthur E. Summerfield was on hand to trigger a ground-breaking explosion to begin work on the \$20,000,000 postal facility.

INTERIOR ARTIST VIEW TURNKEY POST OFFICE

- | | |
|--|-----------------------------------|
| (A) POWER AND FREE CONVEYOR MAIL | (K) CONTROL TOWER |
| (B) OPENING AREA FOR METERED MAIL | (L) INCOMING PARCEL ASSEMBLY LINE |
| (C) DUMPING PLATFORM FOR COLLECTION MAIL | (M) DUMPING PLATFORM FOR PARCELS |
| (D) CULLING MACHINES | (N) PARCEL SORTING MACHINES |
| (E) FACING—CANCELLING MACHINES | (O) PARCEL SACKING |
| (F) CONVEYORS TO LETTER SORTERS | (P) FEED LINE OUTGOING PARCELS |
| (G) PRIMARY LETTER SORTERS | (Q) TO THE DOCKS |
| (H) SECONDARY LETTER SORTERS | (R) FLAT SORTING AREA |
| (I) SACKING AREA LETTER MAIL | (S) HAND CANCELLING |
| (J) OUTGOING ASSEMBLY LINE | (T) HANDWORK AREA |



Located in the city's new West River Industrial Park area, the post office will be the nucleus of a vast industrial center to rise on the reclaimed land. The post office building, approximately two city blocks long, will cover 132,000 square feet. Only two interior supporting columns will be used within the building despite its spacious area. A heliport with 8000 square feet of landing space and a lubritorium will adjoin the post office. Drive-in windows and extensive driveways and parking areas will be provided.

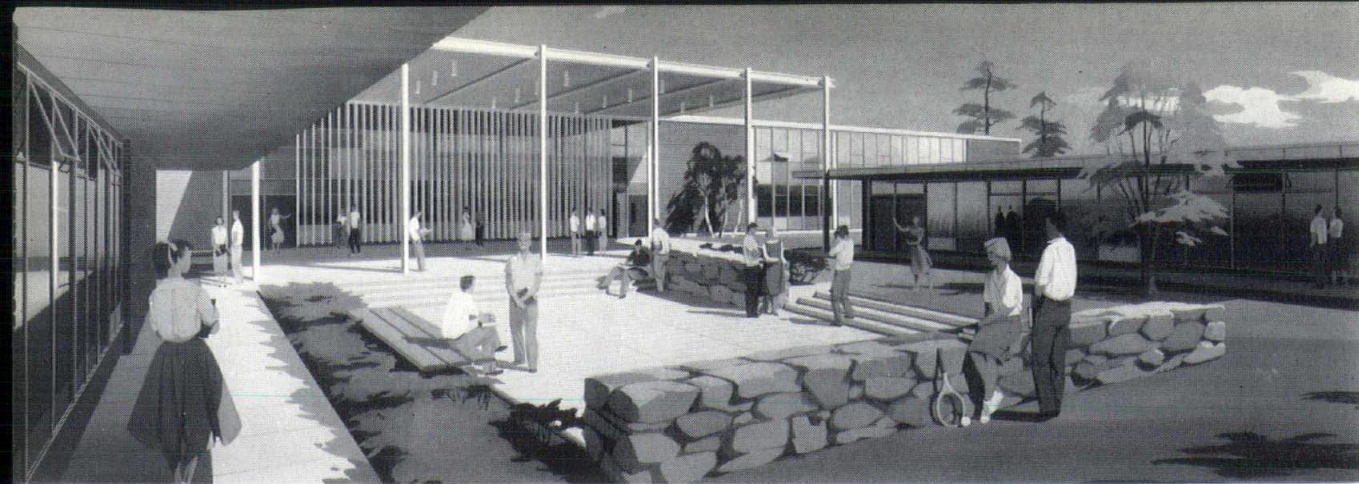


The post office will adjoin mainline rail facilities, will be 20 minutes from an airport and will be served by an express highway. Mail for Providence and more than 100 post offices, stations and branches in the area will be handled at the new facility. The new post office will speed up service for all southern New England. It has been designated "Project Turnkey" because postal workers will turn the key in the front door, walk in and start moving the mails. The new plant is expected to cut in half the time mail now spends in post offices. That will be accomplished by conveyor systems that will carry crates of unsorted mail within the plant. From that point, automation and push button operations will take over. High speed electronic sorting, facing and canceling machines will be used.

Scheduled for completion in late 1960, the new post office will encompass many new innovations. The plant will be divided into two major areas: the lobby for public postal service, and a large work area for mail handling. The lobby will be spacious and well lighted, and new open-type counters will replace the old-fashioned post office cages. The entire building will be air conditioned and will boast the latest in fluorescent lighting.

The postal plant will include roller power conveyors moving mail smoothly between uncluttered mail handling areas, mail containers moving on monorails suspended from the ceiling, and a control tower which will be 26 feet above the work floor, on a pedestal, from which technicians in the control room can see any part of the floor operations below. Trained personnel here will have remote push-button control over mail handling operations.

Intelix Systems Inc. of New York, a subsidiary of International Telephone & Telegraph Corp., will build and equip the working postal laboratory and post office and lease it to the Post Office Department for 20 years.



HIGH SCHOOL PLANNED LIKE COLLEGE CAMPUS

Wayland, Mass. . . . Plans were released recently for a New England High School that will look like a miniature college campus.

The campus plan for the unusual 850-1200-student Wayland, Mass. Senior High School here will have five individual buildings (4 academic centers and an administration center) constructed on a raised plaza and a separate 36,000 square foot domed field house for sports. The academic buildings will be closely knit together to form a series of carefully landscaped courtyards where students can congregate between classes.

The school has been designed by The Architects Collaborative (TAC) of Cambridge. Responsible for the school's program: Boston educational consultants Kargman, Mitchell and Sargent, the Wayland, Mass. School Building Committee headed by Allan Finlay, Wayland Superintendent of Schools Edward Anderson and the Wayland High School Principal Griffin and staff. Ground breaking took place last month and the school is expected to be completed by the Fall of 1960.

ARTS CENTER

The two-story Arts Center, major building in the grouping will put its emphasis on the interrelationship of the arts and crafts rather than on isolated skills. It will include a ceramics and sculpture studio, instrumental music room, individual practice rooms for music students as well as a complete home economics unit and industrial arts workroom.

Also included in the Arts Center: the school's central library and a little theatre which takes the place of the customary seldom-used auditorium housing an entire student body. Manageable in size (seating capacity: 350), it will be used for dramatics (semi-arena productions, when desired), speech instruction

MAIN COURTYARD AT NEW WAYLAND HIGH SCHOOL shows two story Arts Center (center), the focal point of the school. Overhang roof supported on tall columns forms a dramatic canopy over the entrance to Wayland's little theatre. Left: Social Studies Center and right: wall of cafeteria in Administration Center.

All buildings will be constructed of red brick and will have extensive areas of glass. Emphasis is placed on simple good design, and the use of inexpensive materials to produce pleasing aesthetic effects.

and visual aid teaching and is fully equipped with an adjacent drama workshop and property room.

The Wayland High School will have a closed circuit television studio — also located in the Arts Center, and the school's two lecture halls and theatre will all be equipped with television screens which can project a giant motion picture size 12 x 15 foot image. The school will be able to present its own live television programs, project instructive film or show educational programs originating from Boston's Channel 2 when this type of visual aid becomes widely used as a teaching method. At such a time, it is expected that a network of closed circuit television programs will be directed from the closed circuit studio to the Wayland Junior High and other schools in the area.

FOUR ACADEMIC CENTERS

Prophesying a rising trend away from departmentalization of school courses, planners have developed four major academic centers for the high school where related subjects will be drawn closely together: one completely separate structure houses the Languages including English; another Social Studies; the third, Math and Science; and fourth — the Arts. Every one of the four buildings will be a complete instruction center with its own classrooms and specialized facilities.

Academic centers will each include three types of college-style instruction rooms modified to a spectrum of uses. Slated for Social Studies: one lecture hall for 150 pupils, balanced by 7 discussion rooms for groups of 12, individual conference areas for several people. No home rooms are scheduled for

the new high school. Instead, informal libraries in academic centers are planned for leisure time; will have colorful displays designed expressly to interest young people. Current news items, magazines and interesting research material will be immediately available in easy-to-reach stacks.

DOMED FIELD HOUSE

A 36,000 square foot circular field house with a skylighted dome will provide physical education facilities carefully separated from the rest of the high school. Considerably larger in size than a standard gymnasium, and more flexible because of its shape, varying activities can be carried on at the same time. Emphasis will be on active intramural sports, but all students will be able to carry on individual activities in any season — even those sports usually associated with the out-of-doors.

The field house doubles as an auditorium for a full assembly of the student body. It will be used for the town's civic functions as well, and can seat at least 1500.

LOW BID OF \$1,750,000 ANNOUNCED FOR CONSTRUCTION

Actual construction cost for the new school will be approximately \$1,750,000 including site work and it is estimated that the total project cost (including all equipment and fees) will total \$2,300,000. The school's plan cuts costs by reducing noneducational and interior corridor space to little over 8% of the structure. This compares favorably with other secondary schools in the country which average 20% or more. Emphasis has been placed on simple good design, the use of inexpensive materials to produce pleasing aesthetic effects, and careful over-all planning that will keep costs low: an average of only \$12.90 per square foot for buildings.

Above all, the school has been planned to operate with maximum efficiency under present-day teaching conditions and at the same time to look to the future in order to avoid the cost of constant modifications in years to come.

* IMAGINATION AND STRAN-STEEL

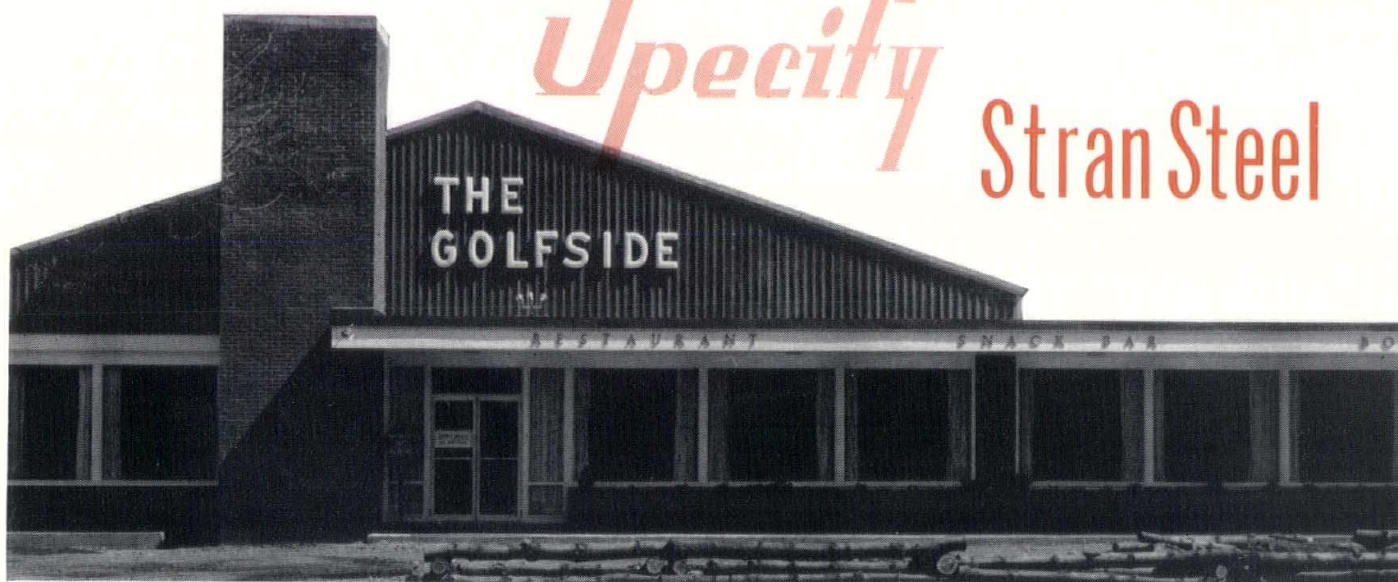


WAREHOUSING

* ARCHITECTS

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INDUSTRIAL

STEEL BUILDING CO. INC.



28 Allerton Street
Boston 19, Massachusetts
Tel: Highlands 5-7200



Bulletin DIGEST

AS COMPILED BY M. PATRICIA WILLIAMS, ASSOCIATE EDITOR

A. G. C.

The Associated General Contractors of America has been awarded the 20th Biennial Awards of the Washington Board of Trade for the "superior design" and appearance of the AGC National Headquarters Building in beautifying the nation's capital.

The architectural awards were presented to the architect, builder, and owner of the AGC structure in ceremonies held at the Mayflower Hotel in Washington, D. C.

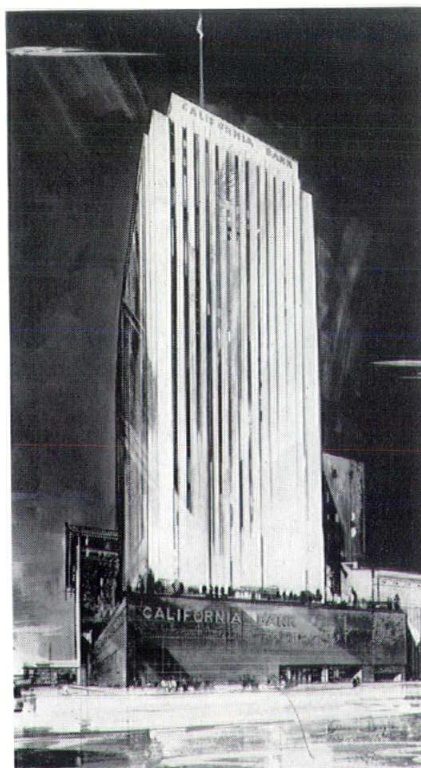
Receiving the awards were Leon Chatelain, Jr. on behalf of the architectural firm Chatelain, Gauger & Nolan of Washington; Charles R. Schrider, vice-president of the Joseph F. Nebel Company of Washington, general contractor; and by AGC President James W. Cawdrey, Seattle, Wash., on behalf of the Associated General Contractors.

The AGC building, located near the White House in the historic "Foggy Bottom" section of Washington, was formally opened in June, 1958, when

it was dedicated by Vice President Richard M. Nixon. It serves as the national headquarters for the AGC organization composed of over 7,200 of the country's leading contractors. The Washington Board of Trade Awards were instituted in 1924 to encourage architects, builders and owners to improve "the design and character" of buildings in Washington and to make the capital "a city of beautiful, natural conditions and of superior public buildings."

Award winners are selected by a panel of architects from outside the Washington area.

LOS ANGELES, CALIF., July 9, 1959 — Opaque aluminum panels, finished with charcoal gray porcelain enamel, will distinguish the new California Bank Building now under construction in downtown Los Angeles, Calif.



The new 18-story California Bank Building, Los Angeles, Calif., is the first structure to exceed 13 floors to be erected in that city since the repeal of a height limit restriction in 1956. It features opaque aluminum panels fabricated by Metalframe, Inc., Los Angeles. All aluminum was furnished by Aluminum Company of America.

Photo Courtesy
Aluminum Company of America

To rise 18 floors above street level, the new structure marks the first building exceeding 13 stories to be erected in Los Angeles since the repeal of a height limit restriction in 1956.

It will feature the design of architects Claud Beelman and Associates. Metalframe, Inc., a Los Angeles window and curtain wall manufacturer, is fabricating the unique window-wall units. An unusual welding system has been employed to fabricate a weather-tight rectangle of aluminum extrusions and aluminum "sandwich" panels.

More than 100,000 pounds of aluminum, supplied by Aluminum Company of America, will be used in the wall system. The "sandwich" panels will utilize colorful, porcelainized sheet on the exterior, an asbestos core, and natural aluminum sheet on the interior. Special aluminum extrusions, also finished with matching porcelain enamel, will frame each panel.

Each of the more than 700 wall panels, measuring more than four-feet-wide and six-feet-high, will be fitted in to the framed window unit. Over-all height of the panel and window unit will exceed 13 feet. Separating the vertical rows of panels and windows will be contrasting limestone mullions.

Although the concept of using "sandwich" panels for construction is not new, California Metal Enameling Co. (Cameo) is one of the few companies producing them for multi-story buildings. Cameo has been a pioneer in producing porcelain enamel on aluminum extrusions on the West Coast.

The first three floors of the structure will be faced in crystal blue granite. The building will include an underground garage for 250 cars, and will have a total gross area of 369,346 square feet.

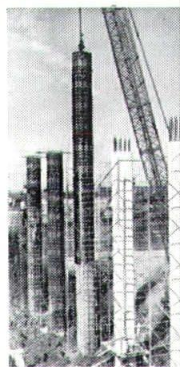
Design of the interior areas to be occupied by the bank is being developed by Henry Dreyfuss, industrial designer, and Henry L. Eggers and Walter W. Wilkman, associated architects. General contractor is C. L. Peck Construction & Realty Co.

PARTNERSHIP

The office of J. Williams Beal Sons, Architects, 185 Devonshire Street, Boston, Mass., has announced that Raymond Wallace Dyer has become a Partner in this Firm and that the name of the Office is now J. Williams Beal Sons, Granger and Dyer.

NEW! EFCO BRIDGE COLUMN FORMS

EFCO Bridge Column Forms used on New Orleans overpass save time and labor. Precision construction permits quick, easy stripping as shown. Adaptable to a wide range of uses. Ideal for forming pier nosings when combined with regular EFCO Forms.



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A. Rogers Weed, Jr.

President A. H. Anderson of Bird & Son, Inc. announces that on June 1, Rogers Weed, Jr. of Dedham, Massachusetts, will become executive assistant to the vice president of the Building Materials Division, reporting to Vice President Eli L. Chamberlain.

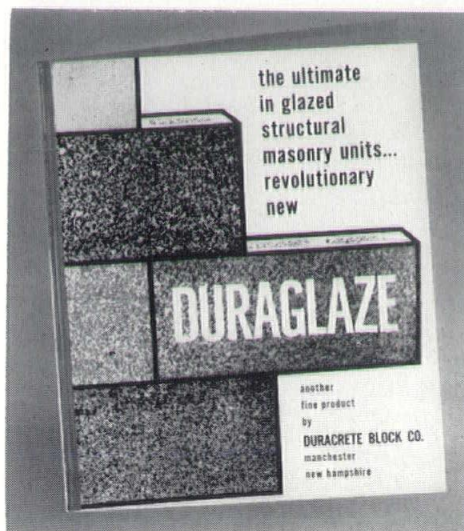
Replacing Mr. Weed in his former post of eastern manager is J. Douglas Johnston who is transferring from Shreveport, Louisiana where he has been southwestern manager for the Building Products Division. In Shreveport Mr. Johnston's successor is Robert F. Jenkins, former sales manager of the company's Dixie District.

Mr. Weed is a graduate of Harvard, class of 1925 and Harvard Business School, class of 1927. Joining Bird & Son in that year, he became sales service manager at the East Walpole office of the company in 1930. In 1938 he was named head of the Northern Division and in 1951 became assistant to the vice president. Since March, 1956 he has been eastern manager.

J. Douglas Johnston began his career with Bird & Son in 1927 after graduation from Colby College. After 14 years as sales representative on Cape Cod, he became Eastern Division manager in 1943. He was appointed southwestern manager in 1954 with headquarters at Shreveport.

Robert F. Jenkins, the new southwestern manager, joined the company in 1939. All of his service has been out of the Shreveport office, successively as a salesman, sales service manager and since April, 1956 as sales manager of the Dixie District.

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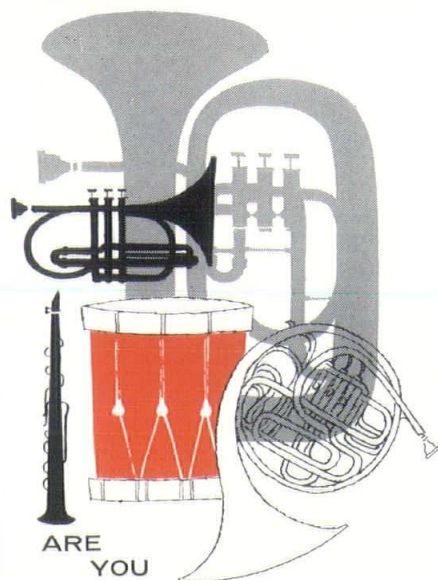
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BOSTON'S NEW YORK STREETS GETS NEW BUILDING



Another important development in Boston's building economy took place today in Mayor Hynes' office with the formal signing of papers between Graybar Electric Company, Inc. and the Cerel-Druker Redevelopment Corp. for a new large building in the New York Streets area in Boston, Mass.

Martin Cerel, President of Cerel-Druker said: "The new Graybar plant is just one of several forthcoming in the very near future.

"When a vital corporation, such as Graybar, decides to locate their new multimillion dollar plant in this strategic site, it proves conclusively that national companies also share Cerel-Druker's confidence in the great future of Boston."

Bertram Druker, Vice-President of the Redevelopment Corporation, revealed that construction on the new building will begin almost immediately.

The new Graybar plant is primarily a warehouse and distribution building. Graybar catalogs list over 100,000 items of electrical equipment and appliances. The structure is of concrete, steel, brick and aluminum. It includes 45,000 square feet of warehouse and loading dock area on one level and 13,000 square feet of office space on the second level. Parking facilities are included for company employees as well as customers.

A carefully planned traffic control system has been worked out for delivery and pick-up of trucks which enables all this activity to take place off city streets, a definite help for the city's parking and traffic flow problems.

The occupancy date is scheduled for May 1, 1960. Hunting, Larsen-Dunnells of Pittsburgh, Pa., are the national engineers for the Graybar Electric Company, Samuel Glaser & Associates of Boston are the Architects and Canter Construction Company of Brookline, Mass., are the General Contractors.

The New York Streets area is also the home of the multimillion dollar Boston "Herald-Traveler" Building, which has now been completed and is ready for official opening.

The New York Streets site covers sixteen acres of land in the heart of Boston and is bounded by Broadway, Washington Street, Dover Street, and Fort Point Channel; portions of Harrison Avenue and Albany Street run through the heart of the area.

This extensive site provides an unexcelled opportunity for firms who want to expand or diversify their facilities within the city. As a prime location, in the heart of the country's traditional center of research and culture, it offers every possible attraction to industrial and commercial enterprise. A highly skilled labor force, superior transportation, unlimited utilities, in fact, all the combined services necessary to a successful business are available in the area.

The New York Streets site is serviced by the circumferential highway, the Belt Route, including the Central Artery, and by seven (7) radial expressways. As has been pointed out, the key that opens this highway system to the area is an interchange on the Central Artery, composed of four ramps abutting the site, that will provide trucks and automobiles with traffic-free routes.

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Structural Clay Products Institute is a national organization sponsored by the brick manufacturers throughout the country with headquarters in Washington, D. C., and about twenty regional offices. Its objective is the advancement of the clay products industry, which is accomplished by (1) stimulating the production of the best possible product, (2) encouraging the training of competent bricklayers and masons, and (3) promoting a widening of the market for the use of brick by calling to the attention of the consuming public the importance of the brick and tile industry in our modern economic life; in other words, to bring together a good product, good mechanics, and pleased customers. To carry out these aims requires activity in a number of fields. In the interests of improving the basic product Structural Clay Products Institute maintains the Structural Clay Research Foundation in Geneva, Illinois, which is devoted to bettering the quality of brick, developing newer types of clay masonry units, and reducing the cost of masonry construction. The Institute contributes toward the maintenance of high standards and specifications for the manufacture, sale, and delivery of clay products. It encourages and assists in the training of apprentice masons to become expert mechanics in coordination with local, state, and Federal agencies. It issues much excellent literature (including Technical Notes on Brick and Tile Construction, published monthly) designed to demonstrate to architects and builders the many possibilities of building with brick and its unquestioned advantages, and how to carry out masonry construction properly for best results.

(Continued on next page)



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(Continued from page 34)

Working with Structural Clay Products in the New England area is the New England Concrete Masonry Association, an organization of the manufacturers of concrete masonry units. These are made up in an endless variety of finishes, colors, sizes, and shapes as dictated by their designated uses, such as lintels, beams, roof slabs, etc., as well as the more conventional block shapes. This Association also distributes valuable literature.

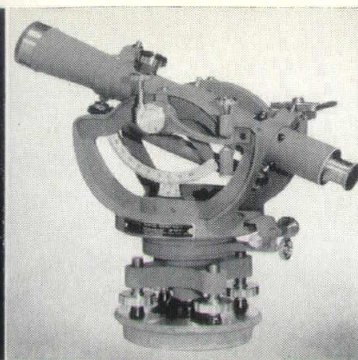
The Regional Director for the New England area for these organizations is Thomas Crane of Watertown, Massachusetts. For many years a bricklayer and construction supervisor, he has first-hand knowledge of the many problems that may arise in masonry construction, whether in the building of small homes or multiple story commercial buildings. In connection with his capacity as Regional Director he travels throughout the area giving assistance whenever and wherever it may be useful. To keep up to date on current ideas he attends meetings of manufacturers, architects, specifications experts, bricklayers and masons. He has assisted in the formation and continuance of schools for foremen and for apprentices and in the putting on of apprentice contests in Connecticut, Massachusetts, and Rhode Island. He has instructed classes of prospective architects in several schools and colleges and introduced textbooks on masonry where none had previously been used. He has given workmanship demonstrations before a number of interested groups, and he is only too glad to offer his services to any person, committee, or organization interested in doing any type of building in the New England area.

AVCO RESEARCH CENTER



ANOTHER SIGNIFICANT CONTRIBUTION TO THE LEADERSHIP OF GREATER BOSTON IN THE SPACE AGE WAS MARKED BY THE RECENT OPENING OF THE 23 MILLION DOLLAR AVCO RESEARCH CENTER IN WILMINGTON, MASSACHUSETTS. THREE OF THE MEN INSTRUMENTAL IN BRINGING THE CENTER TO FRUITION ARE SHOWN HERE: Left to right, N. Preston Breed, Vice President, Second Bank - State Street Trust, which provided interim financing for the project through Cabot, Cabot & Forbes Co.; Charles Luckman, of Charles Luckman Associates, Architects for this unusual Center (successors to Pereira & Luckman); and, Ambrose Burton, President Aberthaw Construction Co., builders of the new facilities.

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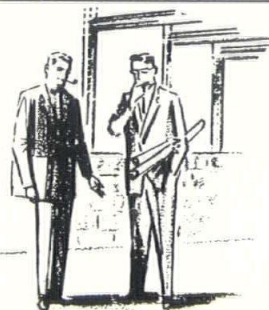
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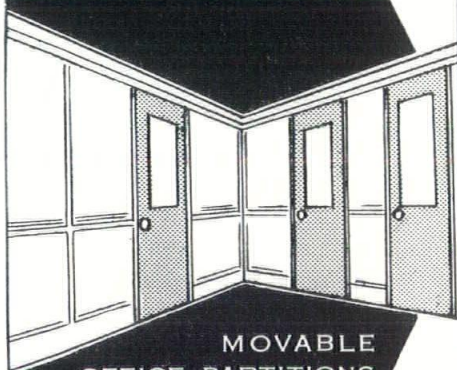
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New Products SHOWCASE

NEW EFCO BRIDGE COLUMN FORMS



Designed primarily for use in bridge and overpass construction, the new EFCO Bridge Column Forms are ideal for all types of heavy construction where sturdy columns are needed. They are also adaptable to other uses, such as the forming of pier nosings. For this purpose, they are combined with regular EFCO Forms, the latter being used to form the sides of the pier.

EFCO Bridge Column Forms are available in a variety of sizes. For columns up to 4 ft. in diameter, the forms are furnished in 180-degree sections 4 ft. high. Larger diameters are fabricated in 90-degree sections or less.

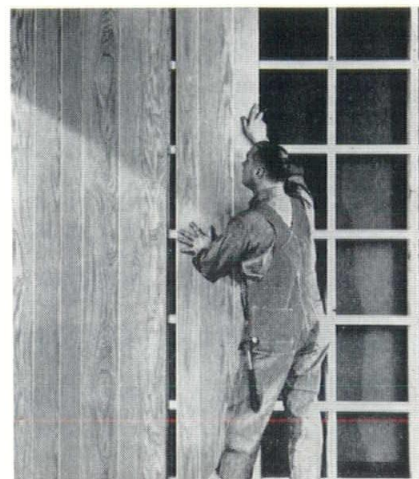
Easy-operating EFCO plate clamps are utilized on both horizontal and vertical joints. The clamps used vertically are for fast erection only, to save valuable crane time. After the crane used in the column form erection has been moved to other productive work, bolts are then placed and tightened to provide full strength of form design.

Since the forms are precision-made, stripping is easy. A crane simply lifts off the form vertically as though it were a sleeve.

Literature and complete information is available on request. Economy Forms Corporation, Box 128-AH, Highland Park Station, Des Moines, Iowa.

MARLITE

Six new Marlite Trendwood finishes are available in easy-to-handle Random Plank, a new one-quarter-inch plastic-surfaced hardboard product that can be installed quickly and easily by professional applicators or home handymen. Special



clips, adhesive and matched mouldings are available. Random Plank can be installed on stud walls with furring strips applied horizontally 16" apart, solid backing or a masonry wall that has been water-proofed and furred. In addition to these 16" planks, the new line of Marlite woodgrains also is offered in both ungrooved and grooved 4' x 8' panels.

DOW DEVELOPS NEW MATERIAL FOR INDUSTRIAL FLOORS

A super-tough material for finishing new concrete floors and resurfacing old ones has been formulated by The Dow Chemical Company.

Based on a Dow epoxy resin (D.E.R. 334) the formulation is a mortar which has extreme resistance to chemical corrosion and physical wear.

According to Dow, the epoxy mortar will be used where "nothing else has worked." Examples cited were the problems faced by meat packers, chemical and industrial plants where acids, alkalis, oils, greases and

(Continued next page)

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This actual unretouched photograph of Matico Tweed Tile and a swatch of expensive carpeting shows how successfully Tweed duplicates the beauty and desirable textured look of carpeting in low-cost Asphalt and Vinyl-Asbestos Tile.

Matico Tweed is long-wearing, easy and economical to maintain and can be installed on suspended double wood floors, suspended concrete floors and concrete floors on and below grade. Consider Tweed for your next project.

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Plastic Wall Tile

(Continued from page 36)

DOW CHEMICAL

heavy equipment make floor repair a predictable maintenance expenditure.

In the new mortar, epoxy resin and hardener take the place of cement and water found in conventional mixtures. Though thicknesses vary, the average epoxy mortar repair layer will be less than one-half inch. The refinished floor can take light traffic after 24 hours, regular use after 48.

Dow will sell the epoxy resin and hardener to formulators. Actual mixing with the aggregate will be done at the job site by the repair crew. The mortar has been used in a variety of plants including food processing, chemical and heavy equipment installations.

ALL-PURPOSE ALUMINUM SCAFFOLD

Introduction of an "all purpose" aluminum scaffold unit that may be rolled through doorways, and adjusted to work on stairways, is announced by Bil-Jax, Inc., Archbold, Ohio.

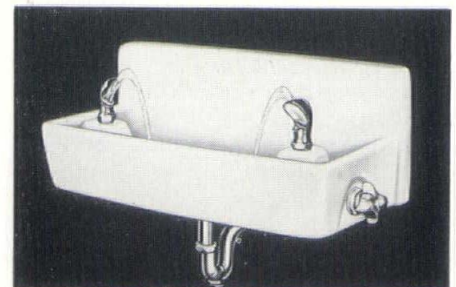


The complete rolling scaffold as pictured weighs only 77 lbs., including casters, making it easy for one man to lift, assemble, disassemble, maneuver and transport. The single unit is 6' 6" high, 28" wide and 7 feet long. The arm braces permit working over and around objects such as desks and machines. The expanded aluminum work platform may be placed on any rung, and extra ladder sections in 3, 4, 5 and 6

foot lengths may be added to go higher. Literature and prices available on request. Address: Bil-Jax, Inc., Archbold, Ohio.

NEW BATTERY FOUNTAIN

Rounding out its broad line of drinking fountains, Universal-Rundle has developed a new battery fountain of heavy vitreous china.



Cameo, the smartly designed new battery fountain, is face mounted, with integral back. Features include concealed hangers, brass strainer, 2 loose key compression stops and cast brass "P" trap. There are two 2-stream mound building projectors and automatic stream control. All exposed fittings are chromium plated.

(Continued on page 39)

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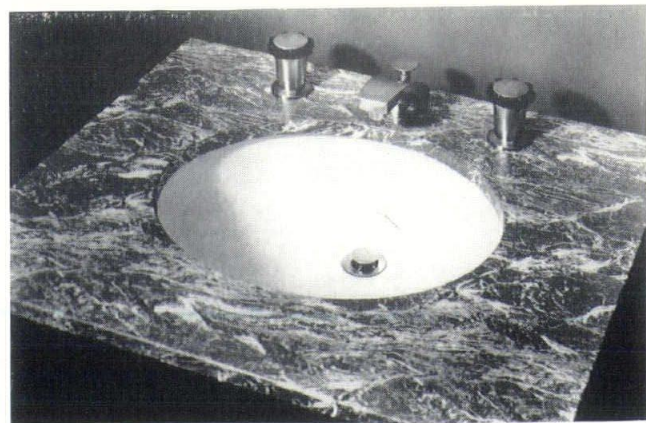
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AMERICAN-STANDARD OVALYN BASIN

A new oval basin has been designed by American-Standard to meet the increasing popularity of drop-in lavatories, especially for custom installations in new or remodeled homes.

The new vitreous china basin, named the "Ovalyn", incorporates features that the homeowner seeks — graceful styling, functional use and easy cleaning.

Attractively curved lines are a striking design feature of the new Ovalyn lavatory. The standard-size rear drain outlet has been placed as close as possible to its rear wall, thus accommodating all current deck-mounted lavatory fittings. By moving the drain outlet to the rear wall, the overflow is established at the front of the basin, maintaining the fixture's clean, smooth lines.

The spacious bowl area measures 5½ inches in depth and is available in two sizes — inside dimensions are 17 inches by 14 inches or 19 inches by 15 inches. The lavatory is available in white and the eight American-Standard colors: Corallin, Ming Green, Regency Blue, Persian Brown, Manchu Yellow, Platinum Gray, T'ang Red, Tourmaline Green.

JOHNS-MANVILLE

A new Johns-Manville brochure shows contractors how Transite Sewer Pipe helps produce "a bigger day's work for a bigger day's income."

This brochure includes prominent contractor testimonials, case histories and tables that tell the story of more dollars in the contractor's pocket. Among its illustrations are drawings that point up such advantages as easier handling in the trench and easier laying to line and grade. Photographs show a number of different jobs in progress. Sectional views and diagrams simplify otherwise complicated sales features. Transite cuts job time by reducing the number of pipe lengths handled and by reducing the number of joints to make. The long 12' lengths permit faster installation, fewer man hours in the trench and job time is reduced every step of the way. The brochure moves logically from savings in trucking, unloading, handling and assembly to savings in such field operations as cutting, machining and the use of fittings.

The ease with which pipe and Ring-Tite Coupling go together is shown pictorially with a series of new easy-to-follow photographs that teach by example. There is no attempt made to weigh down the contractor with a mass of engineering data. Two pages at the end of the brochure give full treatment to the five Transite crushing strengths with a comparative table.

Further information on Transite Pipe can be had by calling your nearest Johns-Manville representative or by writing to Johns-Manville, 22 East 40th Street, New York 16, N. Y., and asking for brochure TR-206A.

STAINLESS STEEL ARCHITECTURAL QUARTERLY

Spring issue—8 pages—photos and detail drawings. Church design is the theme of this issue. Articles deal with general trends and specific uses of stainless steel in church construction, including a description of a novel technique for erecting a steeple. A special article treats stainless steel sculpture. Others

give the technical information about stainless steel doors and the uses of stainless steel tubing in architectural applications. Published by Committee of Stainless Steel Producers, American Iron and Steel Institute, 150 E. 42nd St., New York 17, N. Y.

PEERLESS

The Peerless Electric Company, Warren, Ohio, manufacturers of fans, blowers and electric motors, has recently released a new bulletin on the firm's new line of Spun Roof Ventilators.

Bulletin No. 246 on Peerless Electric Spun Roof Ventilators contains performance tables with model numbers, horsepower ratings, r.p.m. information, wheel diameters and c.f.m. capacities. Another table shows the new ventilator's dimensions.

Applications, general construction features, optional features, ratings and motor construction are all presented. The attractive green and white bulletin is pre-punched for easy catalog insertion.

It is a pleasure to announce our appointment as distributor of Stow and Davis Office Furniture and election to the Executive Furniture Guild. Both are indicative of the ability and service you will enjoy when dealing with Peabody.



Stow and Davis is the country's pacesetter in office furniture . . . in every respect the leader in style, quality and integration. So, if you are interested in executive furnishings, and want an office that is the ultimate, that obviously spells success, we strongly urge you to see this outstanding line as soon as possible.

Visit our showrooms soon, or ask us to come to you. Either way it will be a pleasure to cooperate.

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NEW PRODUCTS SHOWCASE - Continued

The heavy vitreous china is the same high quality as that used in U/R bathroom fixtures.

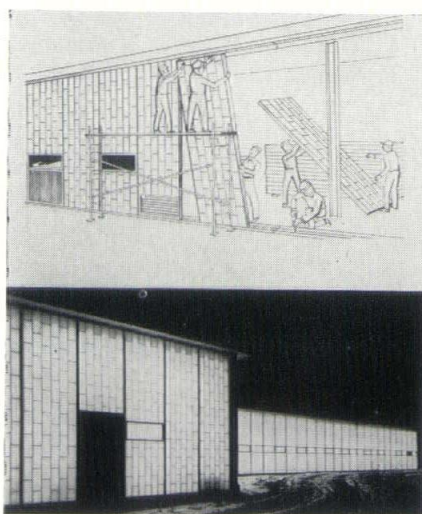
Using the same patented "Hi-Fired" process, the resulting surface is super-hard and highly scratch and stain resistant. Like the rest of the U/R drinking fountain line, the new battery fountain is built to withstand years of hard wear in factories, offices, schools, and other public buildings.

For complete details on this and other U/R drinking fountains or other fixtures, write for catalog to Advertising Department, Universal-Rundle Corporation, New Castle, Pa.

NEW TRANSLUCENT WALL DRAMATIZES BUILDINGS, IS INEXPENSIVE

The first translucent curtain wall system to be developed has been introduced by Kalwall Corp. of Manchester, N. H.

Walls of translucent buildings glow with a dramatic beauty at night when interior lights are turned on—



making the buildings valuable merchandising tools for many types of roadside businesses. During the daylight hours, the interiors are flooded with soft, glareless light, saving electricity.

In addition to the dramatic effect of the translucence, the curtain wall system has these other advantages:

(1) Rapid and inexpensive installation. (Note cartoon.) The panels require no supports other than tracks which are ram-set in ceiling and floor. Lightweight—they can be handled by one or two men. The factory shown here (just erected in Newburgh, N. Y.) cost only \$4.35 per square foot erected. Four men enclosed 100 yards of wall in four days.

(2) The panels are finished on both sides with highly durable fiberglass-plastic sheets which are available in six colors and which can be decorated with a variety of colored inserts set in the grid pattern. The grid pattern is the reinforced aluminum framework.

(3) The panels, which are $2\frac{3}{4}$ inches thick, insulate as well as do 8 inches of brick.

(4) The panels are prefabricated at the factory with any combination of windows, vents, or opaque sections. (See left side of cartoon.)

Full information can be obtained from Kalwall Corp., Manchester, N. H.

(Continued on page 42)

PROPOSED — SPORTS PALACE

ARCHITECT ROBERT E. JOHNSON



Boston's age-old, and ever increasing problem — lack of adequate parking facilities — has once again given rise to discussion of the proposed ultra sports stadium which would be located in Norwood, Mass.

Proponent of the stadium William H. Sullivan, Jr., President of Metropolitan Coal and Oil Company of Boston, feels that no matter what the City of Boston may do, it can not compare to his plans for the "sports palace" which would offer a parking lot accommodating 15,000 cars.

Architect for the stadium is Robert E. Johnson of 66 Beacon Street,

Boston. In his plans, Johnson has incorporated facilities for professional baseball, football, basketball, boxing, curling, track events, golf exhibitions, wrestling, and tennis. The stadium would be the most spectacular undertaking ever attempted in the country. Its structure of aluminum and glass would embrace a seating capacity of more than 60,000 which would include a novel 7,500 "dugout level" box seats and 96 enclosed air conditioned roof boxes. Movable stands to suffice any type of sport have also been included.

The most awesome feature of the project is the proposed "inflatable"

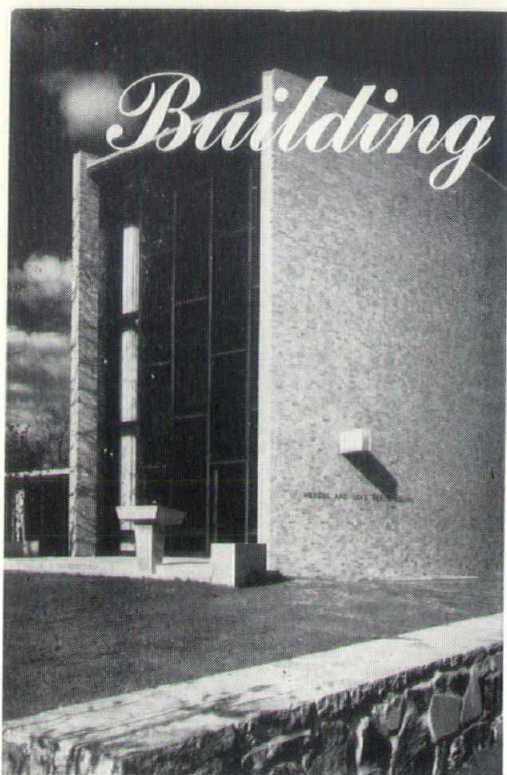
roof which would allow events to take place despite inclement weather. To date, several ideas have been considered for the "roof," but the most popular plan would be to pull an aluminum sheet over the stadium, in the same manner that a tarpaulin is rolled over a baseball diamond in bad weather, by means of motors at one end of the structure. The roof would then take a dome-like shape when compressed air would be forced under the sheet from pumps located at many spots on the top of the stadium structure.

Architect's plans also call for a motel, bowling alleys, a shopping center, restaurant, and office spaces. The world's largest outdoor swimming pool, suitable for Olympic events, is also in the plans.

The position of the stadium has remained "status quo" since it was announced last year, but it is a common feeling that as soon as a major baseball team, preferably the Red Sox, shows interest in the stadium, it will once more come to life.

The original model, as presented in this article, has been changed somewhat to allow a larger seating capacity for football games.





Chapel on Brandeis campus

Ironbound Continuous Strip Hard Maple Floor in Brandeis University, Waltham, Mass. Architect: Archie Riskin. General Contractor: Keystone Construction Co.

Building the Brandeis name

IRONBOUND* CONTINUOUS STRIP* HARD MAPLE FLOOR

Brandeis University, a newcomer to intercollegiate sports, made a real name for itself on the basketball floor last year. Though its team has been in the making only a few years, Brandeis gave our better-known basketball powers some very stiff competition.

The Ironbound Continuous Strip gymnasium floor — where team-building begins — was an important factor. This floor assures fast, lively action, saves wear on leg muscles, keeps players at their best. The reason is Ironbound's construction — its short-length hard maple strips are precision milled and interlocked with sawtoothed steel splines and laid over mastic and cork. Expansion is minimized and controlled to prevent cracks caused by shifting; playing surface remains permanently smooth. For your next gymnasium job, let us tell you more about the advantages of Ironbound. We will be happy to furnish tailored specifications for your use and budgeting.

*T.M. Reg. U.S. Pat. Off.

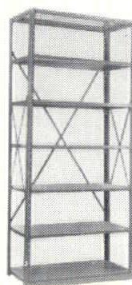
NATIONAL FLOORS COMPANY

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Phone: STadium 2-2310 STadium 2-4326

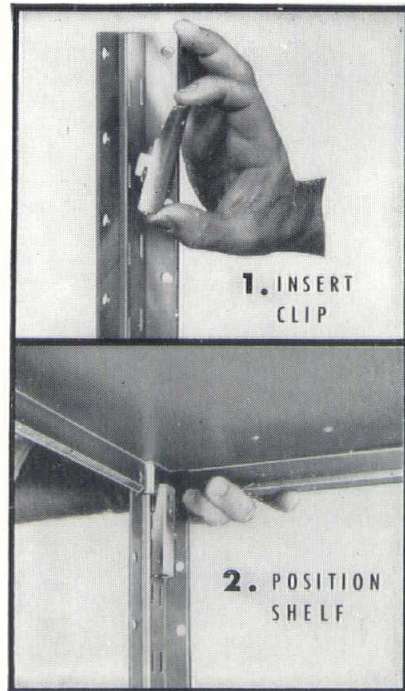
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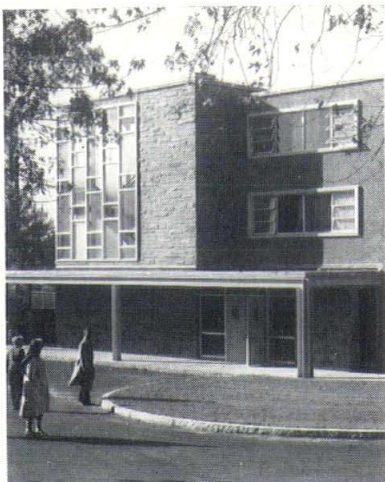
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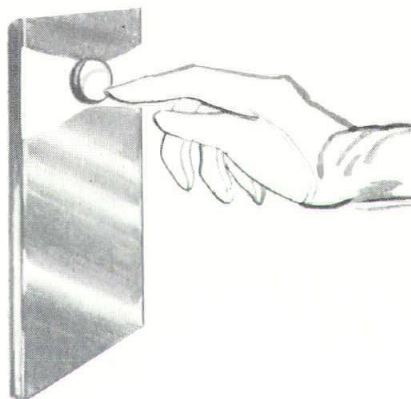


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PLASTICRETE REDUCES PRICES ON CONCRETE MASONRY BLOC

*Lower prices reverse trend
toward increasing construction costs*

Connecticut's industrial and residential builders, accustomed to steadily climbing costs of construction materials, saw a significant turn in the general price reduction just announced by Plasticrete Corporation, largest producer of masonry products in this state.

The announcement of price cuts ranging from 5% to 10% on sand and cinder concrete masonry bloc was issued from Plasticrete's headquarters at 1883 Dixwell Avenue, Hamden, by Philip Paoella, executive vice president of the firm. The lower price schedule goes into effect immediately and applies to all of the Plasticrete plants in Hamden, North Haven, Waterbury, Hartford and Willimantic.

In a statement that accompanied the new price list, Paoella pointed to the important effect the reductions will have on local construction costs, since the decreases apply to the basic types of concrete bloc used in virtually all industrial and residential construction. The savings can be measured, Paoella said, in terms of Plasticrete's weekly output of enough masonry units to build several hundred thousand square feet of wall area.

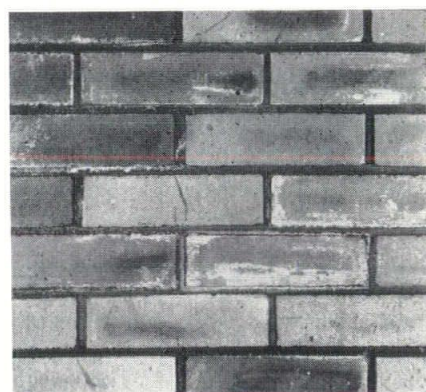
Explaining the general price reduction, Paoella emphasized that it was accomplished in the face of a continuing rise in costs of raw materials, hourly wage-rates and freight. He credited the reductions to cumulative improvements in production and handling equipment and methods. Rapidly growing volume of concrete masonry sales has induced the application of the most modern mass production processes in all Plasticrete plants, said Paoella, and the resulting economies have now been translated into lower prices to builders.

The implications of Plasticrete's action at this time created a stir among business leaders. Shortly after the new price list was made public, Gerald G. Hotchkiss, president of the Greater New Haven Chamber of Commerce, commented: "A substantial price reduction on such essential building materials as masonry products, brick and bloc will have a healthy effect on much-needed construction. Coming at a time when New Haven's redevelopment program is in high gear, the reduction should be reflected in savings to the community. I commend Plasticrete for demonstrating that the

upward march of prices is not inevitable, but can actually be reversed when management and employees make a concerted effort to use improved methods to reduce costs."

PROCESS SOLVENT

An important product-improvement has been announced by The Process Solvent Co., Inc., manufacturers of various *Sure Klean* liquid cleaning compounds for the building and air-conditioning fields. A new, improved *Sure Klean 600 Detergent* has been developed for cleaning masonry more efficiently *without staining*. While there have been several ingredient changes, the major feature of improvement over the former *Sure Klean 600 Detergent*, popular with contractors, is the *clarity* — the new 600 is *as clear as water*. No cleaning-material stain results from using the new product on any masonry surface. There is much less danger of streaking.



The new water-clear *Sure Klean 600* removes excess mortar from brick, stone or glazed tile (non-metallic) more efficiently than even the strongest solution of muriatic acid or powder mixes; and, when directions are followed, even the strongest *Sure Klean 600* solution can be used *safely*. Because of its fast action, clean-up time is reduced, with resultant lowering of labor costs.

Rather than soaking into the mortar, the new product adheres to the surface, loosens the excess mortar quickly, then rinses off easily with water.

Quarts, gallons and five gallons are packaged in easy-to-handle, shock-absorbing "*Cubitainers*" — lightweight, unbreakable polyethylene containers with pouring spout. Larger orders are shipped in Plastisol lined steel containers.

For full information, write The Process Solvent Co., Inc., 1040 Chelsea Trafficway, Kansas City, Kansas.

BELKNAP & McCLAIN

Belknap & McClain, Inc., Boston and Waltham, Massachusetts, has been appointed distributor of Pionite Lifetime Laminates with the responsibility for the floor covering trade in Maine, New Hampshire, Vermont, Eastern Massachusetts, and Rhode Island. The new distributor will work in conjunction with Martin Associates and will be serviced from the complete inventory of Martin Associates, 28 Goodhue Street, Salem, Mass.

The addition of Pionite high pressure plastic laminates marks another forward stride for this progressive floor covering distributor. With the help of Pionite's intensive advertising program, Belknap & McClain is planning a vigorous campaign to acquaint dealers in the area with Pionite's high volume and profit potential.

The aggressive ten year old firm is headed by William H. Belknap, president; Frank H. McClain, treasurer; and George M. Mullen, vice-president in charge of sales. Richard H. Murphy is sales manager of hard surface products, and Arthur W. Senecal, sales manager of the soft surface division.

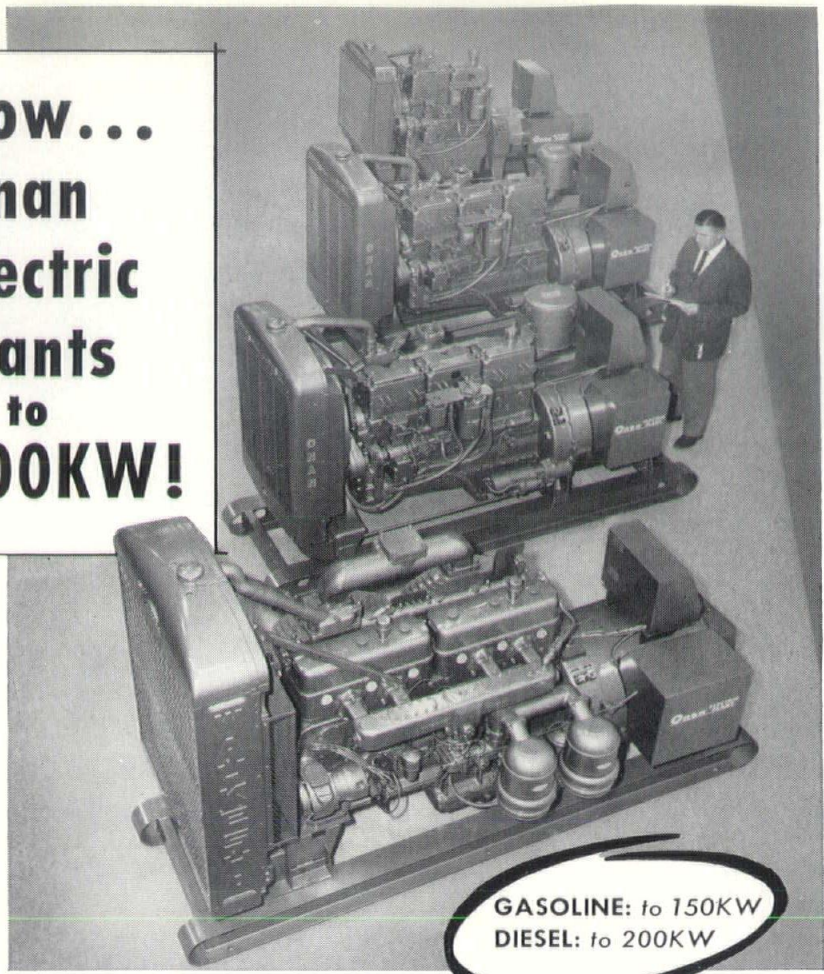
Pioneer's new distributor will carry a complete line of Pionite wood-grains, solid colors and decorative patterns. Planning and application data for architects, contractors, and fabricators, as well as a complete consumer promotion service, will be available.

In addition to Pionite Lifetime Laminates, Belknap & McClain distributes Mohawk Rugs, Armstrong Flooring Products, Miraplas Plastic Wall Tile, Wenczel Ceramic Wall Tile, and Allied Composition Company, underlayments.

Fourteen salesmen travel the territory. They include M. A. (Butch) Bouchard and Dick Allen, Maine; Curly Jenkins and Bob Smith, Vermont and New Hampshire; John Coughlin and John Shirley, Merrimack Valley area; John Brophy, Worcester area; Bob Cox, Paul Drummey, and Raymond Macone, Boston; John Muldoon and Jack Lynch, southern Massachusetts and Cape Cod; and Al Higden and Ed James, Rhode Island.

Executive offices of the company are at 140 Federal Street, Boston, while the main offices are located at the 80,000 square-foot warehouse in Waltham.

Now... Onan Electric Plants to 200KW!



New Magneciter Generator gives important performance advantages*

Now you can have Onan engineering and Onan dependability in high-capacity plants, too! In gasoline-powered models, 100, 125, and 150KW sizes have been added to the line. New diesel models include 10, 15, 25, 35, 50, 60, 75, 100, 125, 150, 175, and 200KW capacities. All standard voltages are available.

All models are powered by heavy-duty industrial engines matched to the power requirements of the generator. Custom modifications to meet the needs of particular applications add to the versatility of the new Onan line. Automatic controls for standby installations are available for each model.

All plants 100KW and larger are Magneciter-equipped

This new Onan generator with static exciter and voltage regulator has these advantages for both standby and primary power installations:

- **Simplicity** — Eliminates hundreds of electrical connections, the commutator and its brush rig.
- **Constant voltage** — Voltage dip is less than 20% with motor starting load. Stable generator operating conditions re-establish within two seconds after load is applied.
- **Lighter weight, more compact** — Plants are shorter by a foot or more, lighter in weight.
- **Less maintenance, easier servicing** — The static exciter and regulator are externally mounted and easily accessible.

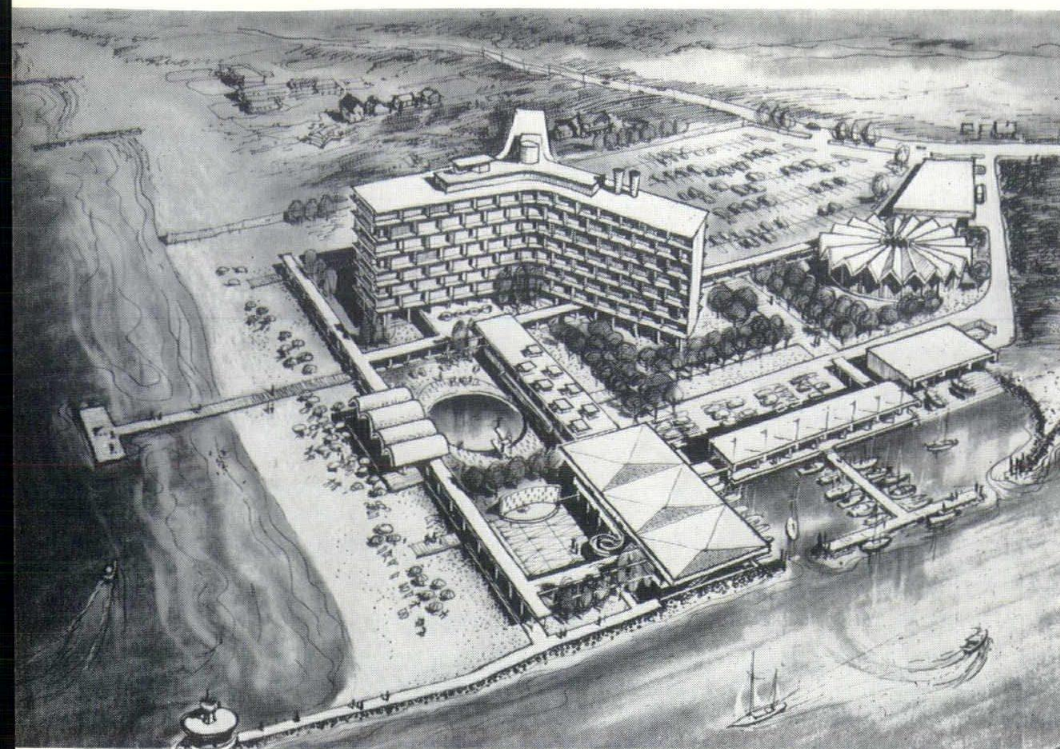
**Onan alternator with static excitation and static voltage regulation.*

In Massachusetts and Rhode Island, the fine products illustrated above are sold and serviced by the J. H. Westerbeke Corp.

Here in Dorchester, we have a large stock of parts, engineers to help you on details of application and trained service personnel to assure that you obtain complete satisfaction from your purchase.

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BASS RIVER PROJECT

HENNENBERG & HENNENBERG

ARCHITECTS AND CITY PLANNERS

The Bass River Sea Center proposal has been made for Previews Real Estate Company, in order to show the possibility of land development on the given site at Bass River in South Yarmouth on Cape Cod.

The main element of the group is a seven-story hotel containing one hundred units, all of which have a sea-front view. The first floor of this building is open; except for the lobby and some service rooms. This is to allow free circulation of air, shade for patrons, and also because the nature of the ground requires piles under the foundations, and continuous bearing walls or slabs on grade would be expensive.

The rest of the buildings including cabanas, restaurant, marina, etc. and theatre are envisaged as light

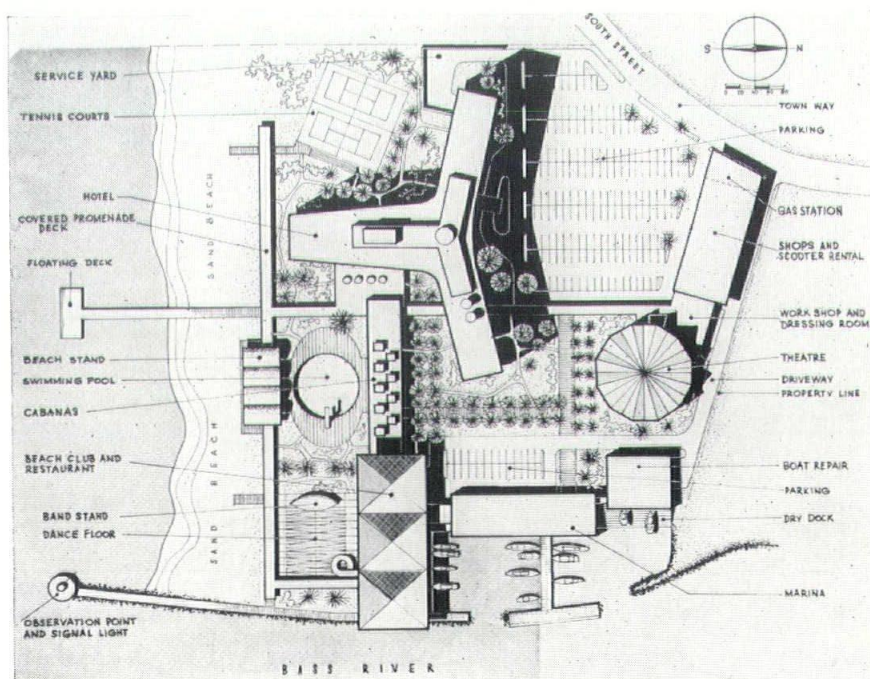
wood constructions, based on twenty by twenty feet bay of creosoted, telephone pole type, wood columns.

The various buildings and facilities will be linked by wooden broadwalks also built on a creosoted wood pole system.

The program of this project contains everything that a land or sea visitor may look for: beach, swimming-pool, tennis courts and cabanas for exercise; bandstand, dance floor, club and restaurant for entertainment; theatre to catch up with Broadway shows; docks, repair shops, marina, food and yachting gear stores for yachtsmen. For those coming by sea, motor scooter rental facilities will be available.

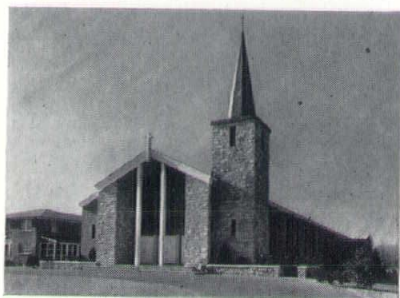
Considering that half of the patrons will be coming by sea, two hundred parking spaces should accommodate those coming by land.

The future of the Cape will require this kind of enterprise, and the buildings of these functions should be built in one group rather than singularly spread along the coast. This will save already scarce landscape and leave the rest of the land for purely residential development.



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CONTRACTS

AWARDED

This resume was compiled with the cooperation of GAINES'S CONSTRUCTION NEWSLETTER of Boston, Mass. and represents a total of \$33,252,722 in building construction contracts awarded during the month of May, 1959.

MASSACHUSETTS

AGAWAM \$626,217

Elem. School — Town of Agawam
Arch: Ralph M. Sizer, Westfield
Contr: Fontaine Bros., Inc., Chicopee Falls

AMHERST \$1,669,000

School of Education & Laboratory Bldgs.
Univ. of Mass.
Arch: Desmond & Lord, Boston
Contr: Joseph Rugo, Inc., Dorchester

ATTLEBORO \$219,750

Central Fire Hdqtrs. Addn.
Arch: Frederick J. Rigney, Pawtucket, R. I.
Contr: E. Pardini & Sons, Inc., Pawtucket

CHICOPEE FALLS \$812,000

Service Clubs & Shops, Westover AFB
USA Corps of Engineers
Arch: Perry Shaw Shaw Hepburn & Dean, Boston
Contr: Davison Constr. Co. Inc., Manchester, N. H.

CHICOPEE \$1,772,000

Low Rent Housing Project
Arch: Sol S. Richmond, Boston
Contr: Ralph Richard Constr. Co., Dedham

DORCHESTER \$472,735

Dorchester High School Addn.
Arch: Holmes & Edwards, Inc., Boston
Contr: James S. Kelliher Co., Quincy

EAST LONGMEADOW \$125,937

Supermarket, Pajo Realty Corp., Springfield
Arch: Max Gitberg, Springfield
Contr: A. L. Phelps, Inc., Springfield

FALL RIVER \$251,731

Adas Israel Synagogue
Arch: Samuel T. Dubitsky, Fall River
Contr: F. L. Collins & Sons, Inc., Fall River

GLOUCESTER \$499,000

Addison Gilbert Hospital Addn.
Arch: James H. Ritchie & Assoc., Boston
Contr: O. D. Purington Co., Inc., East Providence, R. I.

LONGMEADOW \$1,057,000

Junior High School
Arch: Alderman & MacNeish, Springfield
Contr: Fontaine Bros., Inc., Chicopee Falls

LUDLOW \$274,490

Elem. School Addn.
Arch: Munson Mallis Bradley Patterson and Burgener, Springfield
Contr: Fontaine Bros., Inc., Chicopee Falls

CONTRACTS AWARDED — Continued

MEDWAY \$173,450

Elem. School Addn.

Arch: Korslund LeNormand & Quann, Inc., Norwood

Contr: A. T. Scanzillo Co., Inc., Dedham

NORTHAMPTON \$203,715

McAlister Infirmary, Clarke School for Deaf

Arch: Robert Remy, Northampton

Contr: D. A. Sullivan & Sons, Inc., Northampton

QUINCY \$134,000

Shopping Center — Faxon Trust, Quincy

Arch: Henry C. Heaney, Boston

Contr: Kay-Locke, Inc., Roxbury

SALEM \$207,777

Library & Museum Addn. — Peabody Museum

Arch: Bourne Connor Nichols & Whiting, Boston

Contr: Connolly Bros., Inc., Beverly Farms

SALEM \$168,136

Housing for the Elderly

Arch: John J. Mahoney Assoc., Salem

Contr: Messina Bldrs., Inc., Brockton Heights

STOUGHTON \$1,158,146

Junior High School

Arch: Perley F. Gilbert & Assoc., Lowell

Contr: C. A. Batson Co., Brockton

WATERTOWN \$387,685

Incinerator Building

Engr: Hayden Harding & Buchanan, Boston

Consult. Arch: William Hoskins Brown, Boston

Contr: Conti & Donahue, Inc., Lynn

WATERTOWN \$1,058,997

High School Addn.

Arch: Rich & Tucker, Boston

Contr: Franchi Constr. Co., Inc., Newton

WELLESLEY \$350,960

Communications Bldg. USA-USP & FO, Mass.

Arch: Wendell T. Phillips Assoc., Milford

WEST SPRINGFIELD \$380,430

Elementary School

Arch: Alderman & MacNeish, Springfield

Contr: L. D. Phillips Constr. Co., Inc., Westfield

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CONNECTICUT

BETHEL \$674,500

High School Addn.

Arch: William Webb — Sunderland & Philip N. Sunderland,
Danbury

Contr: Gellatly Constr. Co., Bridgeport



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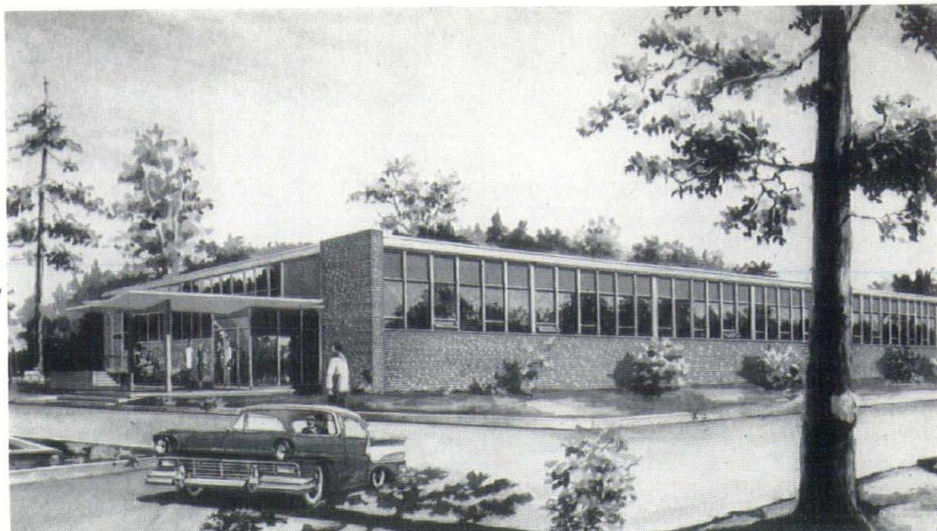
Foster Bros., Inc.
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P.O. BOX 142 • ISLINGTON • MASS. NO 7-1622 - 3095

EWEN-KNIGHT Company, Laboratory Building, East Natick Industrial Park
ARCHITECTS, Samuel Glaser Associates, Boston, Mass.

DEVELOPERS, Cerel-Perini Associates Inc., Framingham, Mass.

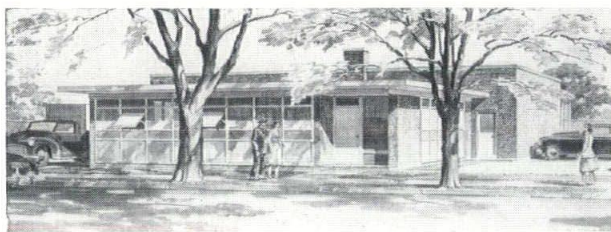
ELECTRICAL ENGINEERS, Greenleaf & Wong, Cambridge, Mass.

ELECTRICAL CONTRACTORS, Ostrow Electric Company, Worcester, Mass.



Shown above is the new Laboratory Building erected at East Natick Industrial Park, Natick, Mass. for the fast growing Ewen-Knight Company of Boston. Electrical work for this intricate laboratory called for carefully planned programming.

Entire Electrical Installation by Ostrow Electric Company



OSTROW ELECTRIC COMPANY

Electric Contractors

9 MASON ST., WORCESTER 9, MASS.

CONTRACTS AWARDED — Continued

BLOOMFIELD \$318,000

Christ the King R. C. Church
Arch't: Edward B. Bushka, Hartford
Contr: Massacoe Bldrs., Inc., Simsbury

BLOOMFIELD \$659,875

Medical Center — Bloomfield Village, Inc., West Hartford
Arch't: Walter J. Douglas Assoc., West Hartford
Contr: Frank Procaccino, Jr., Hartford

HAMDEN \$1,500,000

Religious School Center — Temple Mishkan Tefila, Hamden
Arch't: Fritz Nathan, New York, N. Y.
Contr: Mariani Constr. Co., New Haven

HAMDEN \$2,500,000

Hamden Mart Shopping Center — Fusco Amatruda Co., New Haven
Arch't: Private Plans
Contr: Owner Builds

HARTFORD \$2,024,406

General Classroom Bldg.— Univ. of Hartford
Arch't: Moore & Salsbury, West Hartford
Contr: A. F. Peaslee, Inc., Hartford

MANCHESTER \$750,000

Garden Apartments — Cooper Hill Corp., West Haven
Arch't: Arnold Lawrence, Manchester
Contr: Owner Builds

MANSFIELD \$616,232

Hospital Addn.— Mansfield Training School
Conn. Public Works Dept.
Arch't: O.C.S. Zioli, Bridgeport
Contr: Fabrizio & Martin, Inc., Darien

NORWALK \$214,000

Bowling Alleys Addn.
Arch't: Frank Massari, Stamford
Contr: Sutton Bldg. Co., Inc., Norwalk

NORWICH \$125,000

Lee Memorial Methodist Church
Arch't: Robert E. Wilson, Jr., Falmouth
Contr: Alexander Schnip & Sons, Inc., Norwich

PRESTON \$100,445

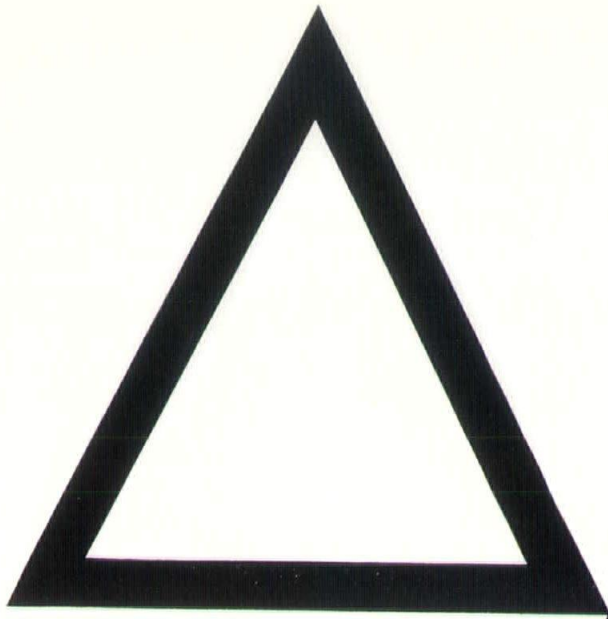
St. Catherine's Parish Church
Arch't: Arthur E. Thomas, Norwich
Contr: A. Ceccarelli & Son, New London

RIDGEFIELD \$750,000

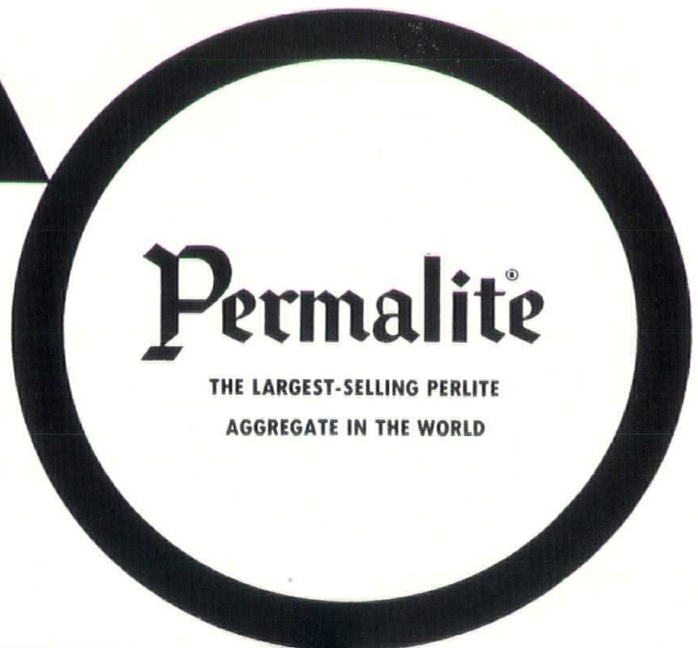
New Building — C G S Laboratories, Inc.
Arch't: J. Gerald Phelan, Bridgeport
Contr: Morganti, Inc., Ridgefield

STRATFORD \$398,400

Classrooms & Recreation Bldg., First Methodist Church
Arch't: Lyons & Mather, Bridgeport
Contr: John Zandonella, Inc., Bridgeport



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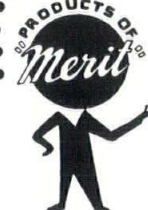
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CONTRACTS AWARDED — Continued

STAMFORD \$140,000
Belltown Fire Dept. Station
Arch: Norman L. Raymond, Stamford
Contr: Christopher Risola, Stamford

THOMPSON \$834,888
High School Addn.
Arch: J. Gerald Phelan, Bridgeport
Contr: Gilbane Bldg. Co., Providence

UNIONVILLE \$108,669
First Congregational Church of Christ Addn.
Arch: The Malmfeldt Assoc., Hartford
Contr: Bartlett Brainard & Eacott Co., West Hartford

WESTPORT \$600,000
Motel — North Greenberg, Westport
Arch: Robert J. Waldron, Willimantic
Contr: A. V. Tuchy Co., Inc., Norwalk

RHODE ISLAND

EAST PROVIDENCE \$226,222
Convent — St. Brendan's Parish
Arch: Michael T. Traficante, East Providence
Contr: H. V. Collins Co., Providence

HILLSGROVE \$300,000
Motel (1st stage) Courtesy Motels, Inc., c/o Contr.
Arch: Private Plans
Contr: Alrae Contr. Co., North Providence

MANVILLE \$313,756
Elem. School — St. James Parochial
Arch: Fontaine & DelSesto, Providence
Contr: E. Turgeon Constr. Co., Providence

WARWICK \$157,000
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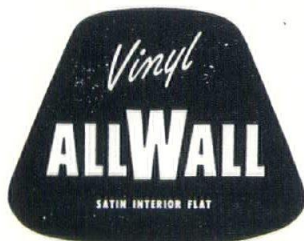
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Center for Design Studies panel includes, left to right, John E. Alcott, Bernard Soep, Theodore S. Jones the Moderator, Samuel L. Ayres, Jr., Morton Hollis, and Henry Hoover. Not present when picture was taken was Ivan Bruce.

The course, part of Boston's Institute of Contemporary Art evening lecture program, presents to the industrialist new product ideas, market research and legal problems in design protection, product planning and industrial design. One phase of the program deals with how industrial designers serve New England Industry and Commerce in product, packaging, display, commercial interior and corporate design. A panel of experts in the related fields conduct the programs, which are available to persons in industry for a nominal fee, and free to employees of companies holding corporate membership in the Center for Design Studies.

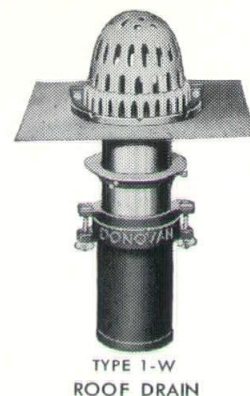
Included in the Center for Design Studies panel are John E. Alcott, of Alcott Associates; Samuel L. Ayres, Jr., of Samuel L. Ayres, Jr., Associates; Ivan Bruce, of Bruce-Babel Associates; Morton Hollis, of Morton Hollis Industrial Designers Inc.; Henry Hoover, of Hoover & Hill Associates; Bernard Soep, of Soep & Berliner, Architecture and Planning; and Moderator for the panel, Theodore S. Jones, Director of the Center for Design Studies.

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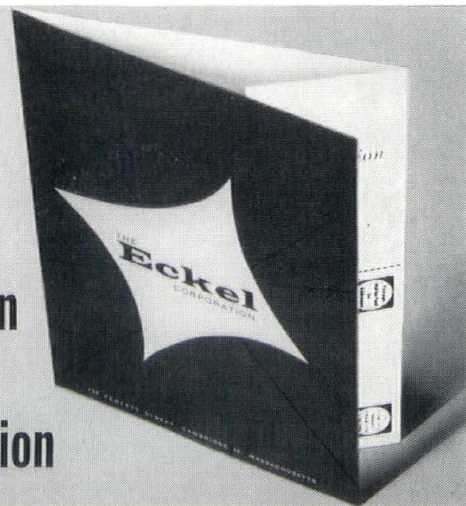
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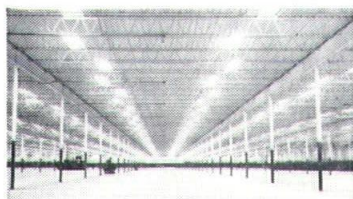
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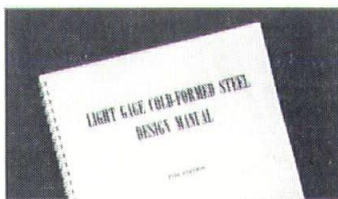
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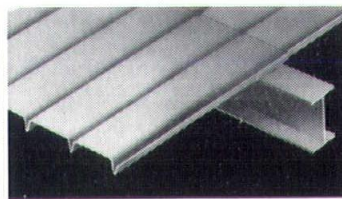
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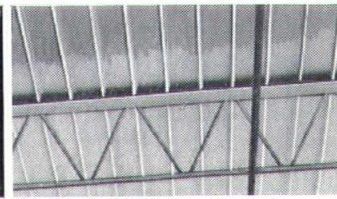
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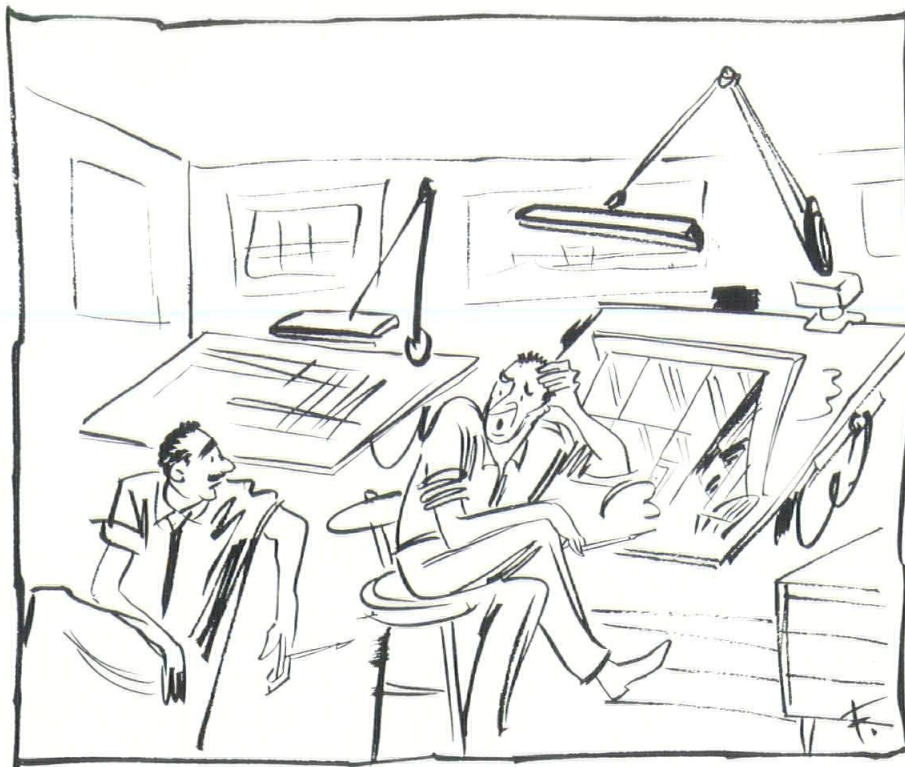
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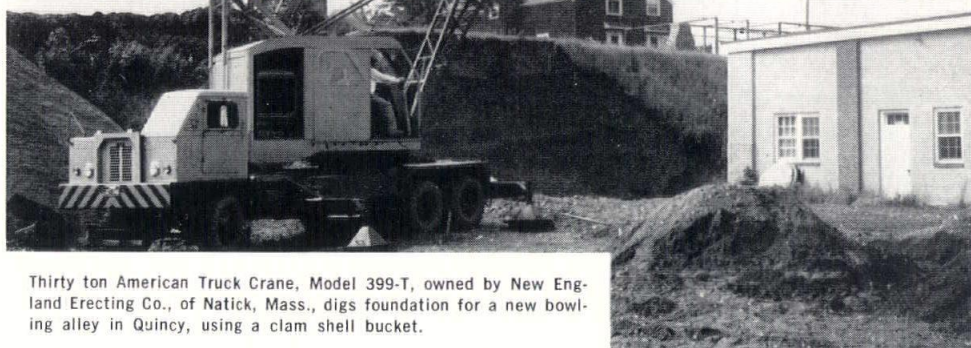
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